

# Load Cells / Weigh Modules

## TABLE OF CONTENTS

### SURVIVOR WEIGH MODULE

**SURVIVOR PARAMOUNTS® HE** ..... 614

Medium-capacity Weigh Module Systems

**RL1700 HE** ..... 616

Light- to Medium-capacity Weigh Modules

**RL1600 HE** ..... 618

Medium-capacity Weigh Modules

**RL1855 HE-HS** ..... 620

Medium-capacity Weigh Modules with Hermetically Sealed Load Cells

**RL2100 HE** ..... 622

Heavy-capacity Weigh Modules

### WEIGH MODULES

**ITCM** ..... 624

Isolated Tension Cell Modules

**ITCM SS** ..... 628

Stainless Steel Isolated Tension Cell Modules

**ITCM HE** ..... 630

Stainless Steel, Welded Seal, NTEP Certified Isolated Tension Cell Modules

**RL50210 TA** ..... 632

50 lb-500 lb Capacity Mini Tank Weighing Module

**RL50210 TA** ..... 634

1,000 lb-2,500 lb Capacity Mini Tank Weighing Module

**PARAMOUNTS® EP** ..... 636

Environmentally Protected, Mild Steel, Light- to Medium-capacity Tank Weighing Systems

**PARAMOUNTS® HS** ..... 638

Hermetically Sealed, Mild Steel, Light- to Medium-capacity Tank Weighing Systems

**RLBTM MILD/STAINLESS STEEL** ..... 640

Mild Steel/Stainless Steel Weigh Modules

**RL1800 SERIES** ..... 642

Mild Steel/Stainless Steel Weigh Modules

**RL1855 HE** ..... 644

Medium-capacity Weigh Modules

**RL1900 SERIES** ..... 646

Stainless Steel Weigh Modules

**RLTM** ..... 648

Stainless Steel Tank Weigh Modules

**RL9000TWM SERIES** ..... 650

Tank, Hopper and Vessel Weighing Assembly

**RL9000TWM-HT** ..... 654

Tank, Hopper and Vessel Weigh Module

**RL2200 SERIES** ..... 656

Tank, Hopper and Vessel Weighing Assembly

**RL2200 SS SERIES** ..... 658

Stainless Steel, Tank, Hopper and Vessel Weighing Assembly

**RLC** ..... 660

Stainless Steel Weigh Modules, VPG Reverse

**220 UNIVERSAL MOUNT** ..... 662

Stainless Steel Weigh Modules, VPG Tedeo-Huntleigh

**EZ MOUNT 1** ..... 664

Mild Steel Weigh Modules, Rice Lake Weighing Systems

**EZ MOUNT 1 SS** ..... 666

Stainless Steel Weigh Modules, Rice Lake Weighing Systems

**EZ MOUNT 1 HE** ..... 668

Stainless Steel Weigh Modules, Hermetically Sealed, Rice Lake Weighing Systems

**RL1600 SERIES CAST IRON** ..... 670

Cast Iron Weigh Modules

**RL1600 SERIES** ..... 672

Mild Steel Weigh Modules

**RL1600 SERIES SS** ..... 674

Stainless Steel Weigh Modules

**MVS MOUNT/MVS** ..... 676

Conversion Kit

**TRANSLINK™ PARALLEL LINK TRUCK SCALE ASSEMBLY** ..... 678

Rice Lake Weighing Systems

**MOTOR TRUCK SCALE ELECTRONIC CONVERSION KIT** ..... 679

Rice Lake Weighing Systems

**MAGNAMOUNT®** ..... 681

Tank, Truck and Railroad Track Assembly

**METTLER TOLEDO™ DIGITOL® RETROFIT KIT** ..... 682

Stainless Steel, Rice Lake Weighing Systems/Flintec

**ELECTRONIC FLOOR SCALE UNDERDECK KITS** ..... 684

S-BEAM

**RL20000** ..... 686

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 III/1:10,000 III, IP67

**RL20000SS** ..... 687

Stainless Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class III, Single Cell, IP67

**RL20000ST** ..... 688

Stainless Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class III, Single Cell, IP67

**RL20001** ..... 689

Alloy Steel, Environmentally Sealed, NTEP Certified Single Cell 1:5,000 III/1:10,000 III, IP67

**RL20001HE** ..... 690

Stainless Steel, NTEP Certified 1:5,000 Class III/1:10,000 Class III, Single Cell, Welded Seal, IP68

**RL20001HE** ..... 691

Alloy Steel, Environmentally Sealed, OIML C3, IP67

**RL20001HE** ..... 691

Alloy Steel, Environmentally Sealed, OIML C3, IP67

### SINGLE-ENDED BEAM

**RL32018** ..... 693

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP66

**RL32018S** ..... 694

Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP66

**RL32018S-HE** ..... 695

Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP69K

**RL32019S-HE** ..... 696

Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP69K

**RL32218S-HE** ..... 697

Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP69K

**RL9018SS** ..... 698

Stainless Steel, Hermetically Sealed, NTEP Certified 1:4,000S/1:5,000M, OIML C3, IP68

**RL30000 THREADED HOLE** ..... 699

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 III, Class III Multiple Cell, IP67

**RL30002 THRU HOLE** ..... 700

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 III, Class III Multiple Cell, IP67

**RLH35** ..... 701

Stainless Steel, NTEP Certified 1:5,000 Class III, Multiple Cell, Welded Seal, IP67

**RL39123** ..... 702

Stainless Steel, Environmentally Sealed, IP67

**RL30745** ..... 703

Stainless Steel, Welded Seal, NTEP Certified 1:5,000 Class III Multiple, IP67

**RL35023** ..... 704

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP67

**RL35023S** ..... 705

Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP67

**RL35023S PAINTED** ..... 706

Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP67

**RL35083** ..... 707

Stainless Steel, Welded Seal, IP67

**RL35082** ..... 708

Stainless Steel, Welded Seal, NTEP Certified 1:5,000 Class III Multiple Cell, Welded Seal, IP67/IP69K

**RLETB** ..... 709

Alloy Steel, Environmentally Sealed, OIML C3, IP67

**RLHTO** ..... 710

Stainless Steel, Hermetically Sealed, OIML C3, IP66/68

**RLSSB** ..... 711

Stainless Steel, Welded Seal, NTEP Certified 1:5,000 Class III Multiple Cell, IP67

**RLSB250/RLSB250T** ..... 712

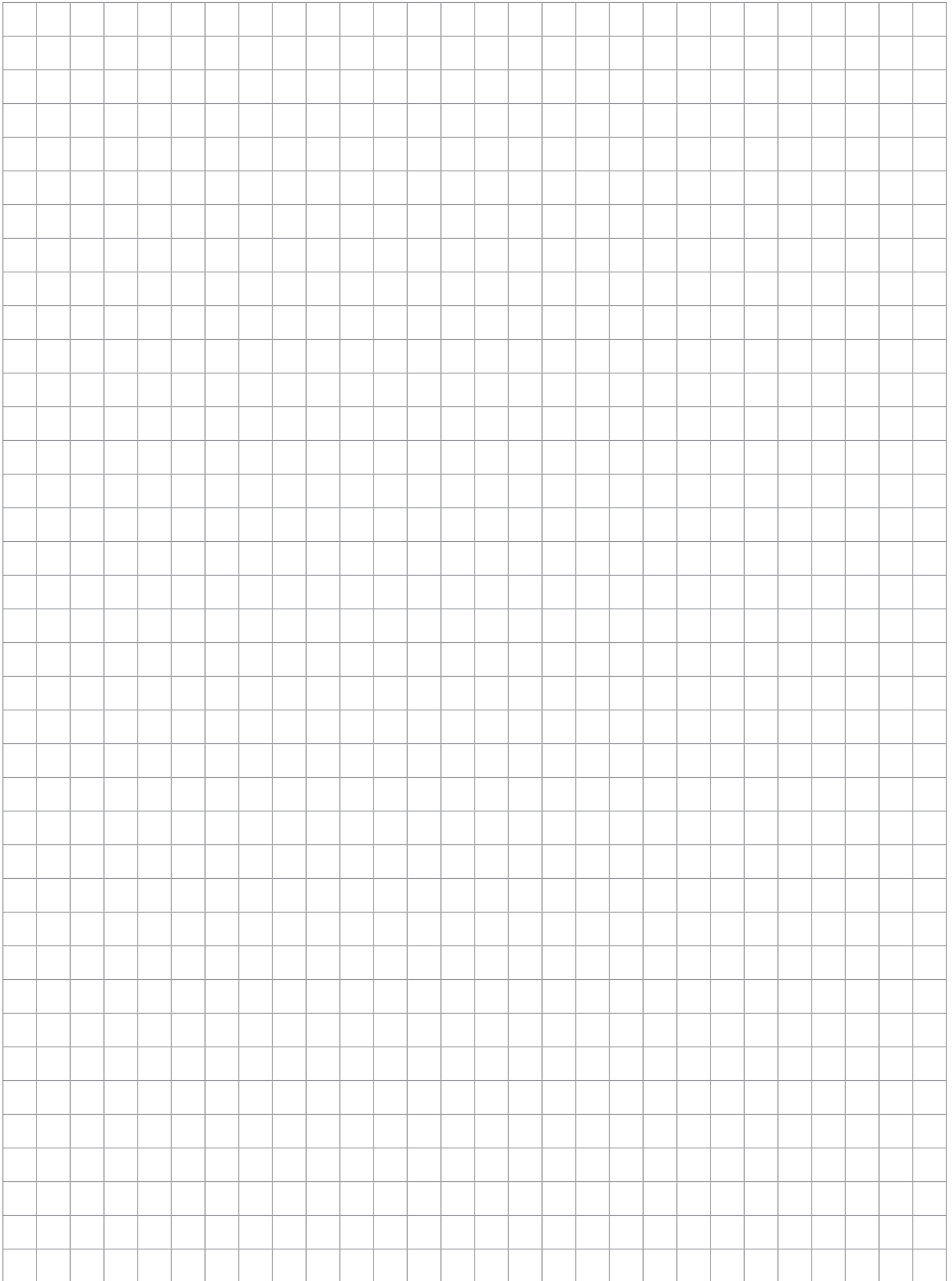
Stainless Steel, Welded Seal, NTEP Certified 1:5,000 Class III Multiple Cell, IP67

**ESPAÑOL** | Visit [ricelake.com/spanish](http://ricelake.com/spanish) to see all Rice Lake materials available in Spanish

Product names, logos, brands and other trademarks featured or referred to within this publication are the property of their respective trademark holders.

# Load Cells / Weigh Modules

<b>RL50210</b> .....	<b>713</b>	<b>RL75040</b> .....	<b>731</b>	<b>RLPWM16</b> .....	<b>746</b>
<i>Alloy Steel, Environmentally Sealed, IP65</i>		<i>Alloy Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class III, Multiple Cell, IP67</i>		<i>Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP67</i>	
<b>RL60040SST</b> .....	<b>714</b>	<b>COMPRESSION CANISTER</b>			
<i>Stainless Steel, Environmentally Sealed, IP65</i>		<b>RLCSP1</b> .....	<b>732</b>	<b>RL1042</b> .....	<b>747</b>
<b>RL40BBS</b> .....	<b>715</b>	<i>Stainless Steel, Welded Seal, NTEP Certified 1:10,000 Class III, Multiple Cell, IP67</i>		<i>Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP66</i>	
<i>Alloy Steel, Environmentally Sealed, IP65</i>		<b>RL8C2P1SS</b> .....	<b>733</b>	<b>RL1040</b> .....	<b>748</b>
<b>RLHBB</b> .....	<b>716</b>	<i>Stainless Steel, Hermetically Sealed, NTEP Certified 1:10,000 Class III, Multiple Cell, IP68</i>		<i>Aluminum, NTEP Certified 1:5,000 Class III Single Cell, Potted and Unpotted, IP65/IP67</i>	
<i>Stainless Steel, Hermetically Sealed, NTEP Certified 1:4,000 Class III Single Cell 1:5,000 Class III Multiple Cell, OIML C3, IP68</i>		<b>ROCKER COLUMN</b>		<b>RL1140</b> .....	<b>749</b>
<b>RL32011WB-L</b> .....	<b>717</b>	<b>RLSCA-50K</b> .....	<b>734</b>	<i>Stainless Steel, Environmentally Sealed, Potted IP67</i>	
<i>Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, Potted, IP67</i>		<i>Stainless Steel, Welded Seal, NTEP Certified 1:10,000 Class III, Multiple Cell, IP67</i>		<b>RL1380</b> .....	<b>750</b>
<b>RL32011WB-T</b> .....	<b>718</b>	<b>RL70510-30T/RL80453-100,000 LB</b> .....	<b>735</b>	<i>Stainless Steel, Environmentally Sealed, NTEP Certified 1:3,000 Class III Single Cell, IP67</i>	
<i>Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, Potted, IP67</i>		<i>Stainless Steel, Hermetically Sealed, NTEP Certified 1:10,000 Class III L, IP69K</i>		<b>RL1385</b> .....	<b>751</b>
<b>DOUBLE-ENDED BEAM</b>					
<b>RL70000</b> .....	<b>719</b>	<b>RL75114-50K</b> .....	<b>736</b>	<i>Stainless Steel, Environmentally Sealed, NTEP Certified 1:4,500 Class III Single Cell, IP67</i>	
<i>Alloy Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class III, Multiple Cell, IP67</i>		<i>Stainless Steel, Welded Seal, NTEP Certified 1:10,000 Class III L, IP67</i>		<b>RL1260</b> .....	<b>752</b>
<b>RL70000SS</b> .....	<b>720</b>	<b>COMPRESSION DISK</b>			
<i>Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III/1:10,000 III, Multiple Cell, IP67</i>		<b>RL90000</b> .....	<b>737</b>	<i>Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP67</i>	
<b>RL72010MH</b> .....	<b>721</b>	<i>Alloy Steel, Environmentally Sealed, IP67</i>			
<i>Stainless Steel, Hermetically Sealed, IP68</i>		<b>SINGLE POINT</b>		<b>RL26018A</b> .....	<b>753</b>
<b>RL75016</b> .....	<b>722</b>	<b>RLPC6</b> .....	<b>738</b>	<i>Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP67</i>	
<i>Alloy Steel, Environmentally Sealed, IP67</i>		<i>Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP69K</i>		<b>RL1250</b> .....	<b>754</b>
<b>RL75016SS</b> .....	<b>724</b>	<b>RLPWM15HE</b> .....	<b>739</b>	<i>Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, Potted, IP67</i>	
<i>Stainless Steel, Environmentally Sealed, IP67</i>		<i>Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP69K</i>		<b>RL1218A</b> .....	<b>755</b>
<b>RL75016SS-W</b> .....	<b>725</b>	<b>RLPWM15</b> .....	<b>740</b>	<i>Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP67</i>	
<i>Stainless Steel, Welded Seal, IP67</i>		<i>Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP67</i>		<b>RL42018A</b> .....	<b>756</b>
<b>RL75016WHE</b> .....	<b>726</b>	<b>RLPCBC-60</b> .....	<b>741</b>	<i>Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP66</i>	
<i>Stainless Steel, Hermetically Sealed, IP69K</i>		<i>Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP69K</i>		<b>RLFLS</b> .....	<b>757</b>
<b>RL75058I</b> .....	<b>727</b>	<b>RL1521A</b> .....	<b>742</b>	<i>Stainless Steel, Environmentally Sealed, Potted, IP67</i>	
<i>Alloy Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class III, Multiple Cell, IP67</i>		<i>Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP66</i>		<b>PLANAR BEAM</b>	
<b>RL75060S</b> .....	<b>728</b>	<b>RL1010</b> .....	<b>743</b>	<b>RLBLP</b> .....	<b>758</b>
<i>Stainless Steel, Welded Seal, NTEP Certified 1:5,000 III/1:10,000 Class III, Multiple Cell, IP67</i>		<i>Aluminum, NTEP Certified 1:5,000 Class III Single Cell, Potted and Unpotted, IP65/IP67</i>		<i>Aluminum, Environmentally Sealed, IP65</i>	
<b>RL75223</b> .....	<b>729</b>	<b>RLSP4</b> .....	<b>744</b>	<b>TENSION LINK</b>	
<i>Alloy Steel, Welded Seal, NTEP Certified 1:10,000 Class III, Multiple Cell, IP67</i>		<i>Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP66</i>		<b>RL2010</b> .....	<b>759</b>
<b>RLDB50000S</b> .....	<b>730</b>	<b>RLPWM12</b> .....	<b>745</b>	<i>Stainless Steel, Environmentally Sealed, IP67</i>	
<i>Stainless Steel, NTEP Certified 1:10,000 III, Multiple Cell, Welded Seal, IP67</i>		<i>Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP67</i>		<b>MSI-LOAD PIN SENSORS</b> .....	<b>760</b>
<b>MSI-LOAD PIN QUESTIONNAIRE</b> .....761					
<b>MSI-TENSION LINK LOAD CELL</b> .....762					
<b>MSI-CLAMP ON LOAD CELL</b> .....763					



# SURVIVOR Paramounts® HE

Medium-capacity Weigh Module Systems



Picture is a representation of actual product.

Consisting of three different weigh module designs, the Paramounts system offers superior accuracy, even in applications with extreme expansion, contraction and vibration. The fixed-pin module acts as the vessel's primary reference point, enabling rotation. A single side-stop module is then paired with the fixed-pin module to permit mechanical expansion and contraction in one direction. The vessel then becomes a high-accuracy weighing system with the addition of one to six free-sliding modules. This system offers the free motion necessary to eliminate unwanted mechanical side loads, as well as the strength needed to keep the vessel in check. This gives the Paramounts system its industry-leading reputation for exceptional accuracy in unfriendly environments. Integral jacking/shipping bolts enhance safety by preventing accidental lift-off, facilitating quick field removal of load cells and eliminating load cell damage during transportation. Matched outputs and field-replaceable cable simplify installation and enhance serviceability. As a system, Paramounts represents the ultimate combination of convenience, accuracy and control.

## Standard Features

- Capacities (per module): 520 lb-22,500 lb (2.3 kN/102.1 kg-100 kN/10,205.9 kg)
- All stainless steel construction
- Bolt-in-place design; module bolts directly to tank leg without requiring additional load buttons or mounting plates
- Hermetically sealed, stainless steel load cells
- Load cell outputs are matched to  $\pm 0.07\%$ , minimizing maintenance costs
- Unique design allows for thermal expansion/contraction
- Low-profile, self-checking design
- Jacking screw allows empty vessel to be lifted clear of load cell for maintenance
- Unique patented blind load hole technology minimizes unwanted side and eccentric loading
- Vessel is free to slide laterally on PTFE-coated surfaces
- Two-year limited warranty

## Applications

- Medium-capacity, high-vibration mixers, blenders and tanks
- Batching/blending
- Pharmaceutical processing
- Food processing
- Petroleum refining and batching

## Optional Features

- NTEP Certified load cells available: Capacities 1,125 lb-11,250 lb
- OIML certified load cells available: Capacities 1,125 lb-11,250 lb

## Complete Kit Includes

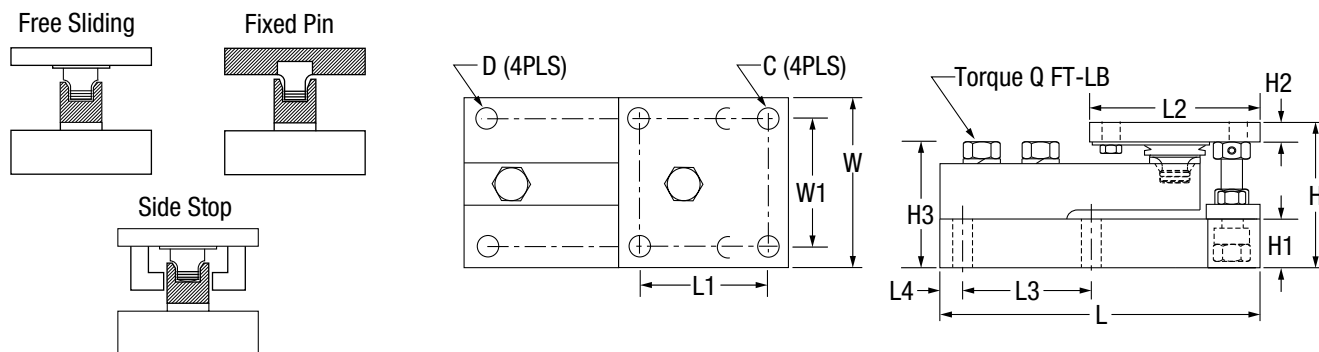
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- One fixed-pin module, one side-stop module, and one or two free-sliding assemblies. Each module is complete with a FLINTEC SB4 or SB10 (520 lb) stainless steel hermetically sealed load cell
- 25 ft of our hostile environment EL147HE SURVIVOR load cell cable

## Load Cell Certifications



Except 520 lb

IP66/69K



### Dimensions

Rated Capacity	C	D	H	H1	*H2	**H2	H3	L	L1	L2	L3	L4	W	W1	Q (FT- LB)
<b>lb/in</b>															
520 (2.3 kN)	0.375	0.437	3.49	1.00	0.50	0.75	2.98	7.51	3.00	4.00	3.00	0.50	4.00	3.00	65.0
1,125-5,200 (5-23 kN)	0.437	0.437	3.58	1.25	0.50	0.75	3.06	7.51	3.00	4.00	3.00	0.50	4.00	3.00	65.0
11,250 (50 kN)	0.562	0.562	4.66	1.50	0.62	1.00	4.09	9.19	3.87	5.00	3.87	0.56	5.00	3.87	295
22,500 (100 kN)	0.688	0.688	6.41	2.00	0.75	1.25	5.73	11.46	4.75	6.00	4.75	0.69	6.00	4.75	515.0
<b>kg/mm</b>															
236.1	9.5	11.1	88.6	25.4	12.7	19.1	75.7	190.8	76.2	101.6	76.2	12.7	101.6	76.2	-
510.8-2,360.0	11.1	11.1	90.9	31.8	12.7	19.1	77.7	190.8	76.2	101.6	76.2	12.7	101.6	76.2	-
5,107.5	14.3	14.3	118.4	38.1	15.7	25.4	103.9	233.4	98.3	127.0	98.3	14.2	127.0	98.3	-
10,215.0	17.5	17.5	162.8	50.8	19.1	31.8	145.5	291.1	120.7	152.4	120.7	17.5	152.4	120.7	-

kN = Kilonewtons

\*Side stop and free sliding units \*\*Fixed pin units

### Order Information

Load Rating (Per Module)	Part #	Price
<b>NTEP Certified/OIML C3 3-Module Kit</b>		
1,125 lb	5 kN/510.8 kg	<b>29883</b>
2,250 lb	10 kN/1,021.5 kg	<b>29884</b>
5,200 lb	23 kN/2,360.8 kg	<b>29885</b>
11,250 lb	50 kN/5,107.5 kg	<b>29886</b>
<b>NTEP Certified/OIML C3 4-Module Kit</b>		
1,125 lb	5 kN/5,10.8 kg	<b>29879</b>
2,250 lb	10 kN/1,021.5 kg	<b>29880</b>
5,200 lb	23 kN/2,360.8 kg	<b>29881</b>
11,250 lb	50 kN/5,107.5 kg	<b>29882</b>
<b>Non-NTEP Certified 3-Module Kit</b>		
520 lb	2.3 kN/236.1 kg	<b>38207</b>
1,125 lb	5 kN/510.8 kg	<b>17991</b>
2,250 lb	10 kN/1,021.5 kg	<b>17992</b>
5,200 lb	23 kN/2,360.8 kg	<b>17993</b>
11,250 lb	50 kN/5,107.5 kg	<b>17994</b>
22,500 lb	100 kN/10,215.0 kg	<b>17995</b>
<b>Non-NTEP Certified 4-Module Kit</b>		
520 lb	2.3 kN/236.1 kg	<b>38208</b>
1,125 lb	5 kN/510.8 kg	<b>17998</b>
2,250 lb	10 kN/1,021.5 kg	<b>17999</b>
5,200 lb	23 kN/2,360.8 kg	<b>18000</b>
11,250 lb	50 kN/5,107.5 kg	<b>18001</b>
22,500 lb	100 kN/10,215.0 kg	<b>18002</b>
*Conduit adapter, 1/2-14 NPT	<b>17703</b>	\$45.00

\*Must be factory installed

**RL1700 HE**

Light- to Medium-capacity Weigh Modules



Picture is a representation of actual product.

The RL1700 HE offers precision-machined, weldless construction to maximize washdown cleaning effectiveness. This design, coupled with integral jacking/shipping bolts, eases installation and minimizes maintenance costs. OIML C3-certified load cells in capacities from 5 kg to 5,000 kg provide accurate, consistent weighments. Ideal for multi-ingredient micro-batching applications, the RL1700 HE provides exceptional performance in hostile environments. The RL1700 HE offers a guaranteed waterproof rating to ensure reliable performance in moisture-laden environments.

### Standard Features

- All stainless steel construction
- Hermetically sealed, stainless steel load cells, IP66/68, guaranteed waterproof
- OIML certified load cells from 5kg-5,000 kg
- Bolt-in-place design; module bolts directly to tank leg without requiring additional load buttons or mounting plates
- Self-checking with lift-off/tip-over protection and jacking/shipping bolts
- Weldless construction retains less residue and allows fast, thorough cleaning
- Two-year limited warranty

### Applications

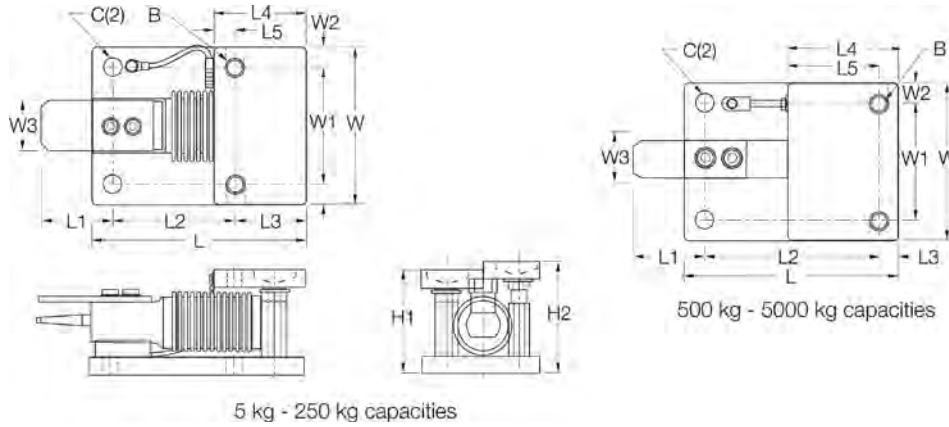
- Multi-ingredient micro-batching
- Meat and poultry processing
- Batching/blending
- Dye/ink blending

### Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal-trim junction box
- Three or four RL1700 HE stainless steel compression mounts
- Three or four RLHBB (5 kg-250 kg) or RLHTO (500 kg-5,000 kg) stainless steel, hermetically sealed single-ended beam load cells
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

### Load Cell Certifications





**Dimensions**

Rated Capacity	C	B	*H1	**H2	L	L1	L2	L3	L4	L5	W	W1	W2	W3
<b>kg/mm</b>														
5-250	12.9	1/2-20 UNF	80.0	86.1	131.8	63.7	76.0	42.0	56.0	13.97	96.0	70.0	12.9	25.4
500-2,000	12.9	5/8-18 UNF	101.6	109.4	165.0	70.0	129.5	14.9	80.0	59.94	110.0	70.0	20.0	31.7
5,000	20.0	3/4-10 UNC	135.0	143.0	215.0	81.0	161.0	20.0	90.0	70.5	150.0	90.0	30.0	40.0
<b>lb/in</b>														
11-550	0.53	1/2-20 UNF	3.13	3.39	5.19	2.52	2.99	1.65	2.20	0.56	3.99	2.76	0.62	1.00
1,100-4,400	0.53	5/8-18 UNF	4.00	4.31	6.50	2.80	5.10	0.61	2.97	2.36	4.33	2.76	0.79	1.25
11,000	0.78	3/4-10 UNC	5.31	5.63	8.46	3.19	6.34	0.79	3.56	2.78	5.91	3.54	1.18	1.57

\* In weighing position    \*\* In jacked-up position for load cell shipping or removal

**Order Information**

Load Rating (Per Module)	Part #	Price
<b>OIML C3-Certified Load Cells Included</b>		
5 kg	32687	\$875.00
10 kg	32688	\$875.00
20 kg	32689	\$875.00
50 kg	32690	\$875.00
100 kg	32691	\$875.00
200 kg	32692	\$875.00
250 kg	32693	\$875.00
500 kg	32974	\$1,065.00
1,000 kg	32973	\$1,065.00
2,000 kg	32972	\$1,065.00
5,000 kg	32971	\$1,315.00
<b>3-Module Kit</b>		
5 kg	32920	\$2,850.00
10 kg	32921	\$2,850.00
20 kg	32922	\$2,850.00
50 kg	32923	\$2,850.00
100 kg	32924	\$2,850.00
200 kg	32925	\$2,850.00
250 kg	32926	\$2,850.00
500 kg	32980	\$3,380.00
1,000 kg	32981	\$3,380.00
2,000 kg	32982	\$3,380.00
5,000 kg	32983	\$4,215.00
<b>4-Module Kit</b>		
5 kg	32927	\$3,730.00
10 kg	32928	\$3,730.00
20 kg	32929	\$3,730.00
50 kg	32930	\$3,730.00
100 kg	32931	\$3,730.00
200 kg	32932	\$3,730.00
250 kg	32933	\$3,730.00
500 kg	32984	\$4,450.00
1,000 kg	32985	\$4,450.00
2,000 kg	32986	\$4,450.00
5,000 kg	32987	\$5,260.00

**RL1600 HE**

Medium-capacity Weigh Modules



Available in configurations with three or four mounting assemblies.  
Picture is a representation of actual product.

The RL1600 HE mounting module kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1600 HE kit is ideally suited for indoor and outdoor process control operations in the medium-capacity ranges. Each module incorporates self-checking capabilities for thermal expansion and contraction.



Fabricated stainless steel module with RL75016WHE double-ended beam load cell.

### Standard Features

- Capacities (per module): 1,000 lb-25,000 lb (453.6 kg-11,339.8 kg)
- All stainless steel construction
- Self-checking, easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Hermetically sealed IP66/69K protected load cells
- Double-ended shear beam design, center loaded

### Applications

- Medium-capacity tanks, bins and hoppers
- Bulk material management
- Ingredient batching, mixing and blending

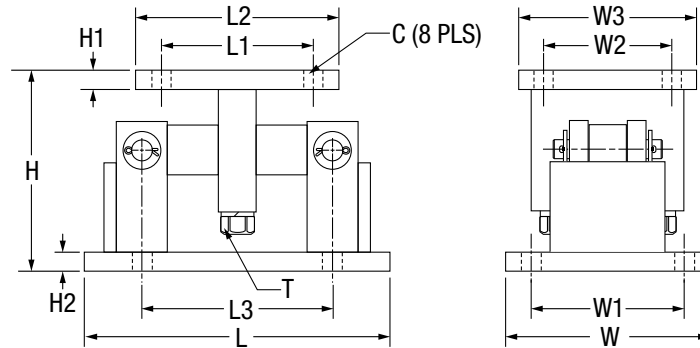
### Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL1600 stainless steel compression mounts
- Three or four RL75016WHE stainless steel, hermetically sealed double-ended shear beam load cells
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

### Load Cell Certifications







### Dimensions

Rated Capacity	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
<b>lb/in</b>													
1,000-5,000	0.56	5.00	0.50	0.50	9.25	2.75	4.00	6.25	1/2-13UNC	5.00	3.75	2.75	4.00
10,000-25,000	0.78	7.87	0.75	0.75	12.00	6.00	8.00	7.50	3/4-10UNC	8.00	6.00	6.00	8.00
<b>kg/mm</b>													
453.6-2,268.0	14.2	127.0	12.7	12.7	235.0	69.9	101.6	158.8	1/2-13UNC	127.0	95.3	69.9	101.6
4,535.9-11,339.8	19.8	199.9	19.1	19.1	304.8	152.4	203.2	190.5	3/4-10UNC	203.2	152.4	152.4	203.2

### Order Information

Load Rating (Per Module)	Part #	Price	
<b>3-Module Kit</b>			
1,000 lb	453.6 kg	<b>46723</b>	\$4,100.00
1,500 lb	680.4 kg	<b>119673</b>	\$4,100.00
2,000 lb	907.2 kg	<b>119675</b>	\$4,100.00
2,500 lb	1,134.0 kg	<b>46724</b>	\$4,100.00
5,000 lb	2,268.0 kg	<b>46725</b>	\$4,100.00
10,000 lb	4,535.9 kg	<b>46726</b>	\$5,785.00
15,000 lb	6,803.9 kg	<b>46727</b>	\$5,785.00
20,000 lb	9,071.9 kg	<b>84664</b>	\$5,785.00
25,000 lb	11,339.8 kg	<b>46728</b>	\$5,785.00
<b>4-Module Kit</b>			
1,000 lb	453.6 kg	<b>46729</b>	\$5,170.00
1,500 lb	680.4 kg	<b>119674</b>	\$5,170.00
2,000 lb	907.2 kg	<b>119676</b>	\$5,170.00
2,500 lb	1,134.0 kg	<b>46730</b>	\$5,170.00
5,000 lb	2,268.0 kg	<b>46731</b>	\$5,170.00
10,000 lb	4,535.9 kg	<b>46732</b>	\$7,685.00
15,000 lb	6,803.9 kg	<b>46733</b>	\$7,685.00
20,000 lb	9,071.9 kg	<b>84665</b>	\$7,685.00
25,000 lb	11,339.8 kg	<b>46734</b>	\$7,685.00
<b>Single Module (Does Not Include Load Cell)</b>			
1,000-5,000 lb	453.6-2,268.0 kg	<b>17813</b>	\$590.00
10,000-25,000 lb	4,535.9-11,339.8 kg	<b>17815</b>	\$1,150.00
<b>Dummy Load Cells (Mild Steel)</b>			
1,000-5,000 lb	453.6-2,268.0 kg	<b>18236</b>	\$21.00
10,000-25,000 lb	4,535.9-11,339.8 kg	<b>18237</b>	\$37.00

### Shims\*

Part #	Price	
<b>1,000 lb-5,000 lb</b>		
0.0625	<b>150852</b>	\$3.25
0.125	<b>150853</b>	\$8.50
0.250	<b>150854</b>	\$14.25
<b>10,000 lb-25,000 lb</b>		
0.0625	<b>150855</b>	\$12.75
0.125	<b>150856</b>	\$20.50
0.250	<b>150857</b>	\$57.00
<b>50,000 lb-75,000 lb</b>		
0.0625	<b>150858</b>	\$16.25
0.125	<b>150859</b>	\$26.25
0.250	<b>150861</b>	\$72.25

\*Shims match the top plate

**RL1855 HE-HS**

Medium-capacity Weigh Modules with Hermetically Sealed Load Cells



*Picture is a representation of actual product.*

The RL1855 HE-HS with module kit has all the features of the RL1855 HE kit but uses the upgraded RL35082HE hermetically sealed IP69K load cell.

### Standard Features

---

- All stainless steel construction
- Hermetically sealed, stainless steel IP69K
- NTEP Certified load cells, 5,000 d Class III multiple load cell
- Self-checking design with lift off/tip off protection
- Two-year limited warranty

### Applications

---

- Medium capacity hoppers, bins and tanks
- Batching/blending

### Complete Kit Includes

---

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL1855 HE stainless steel mounts
- Three or four RL35082 hermetically sealed NTEP Certified load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

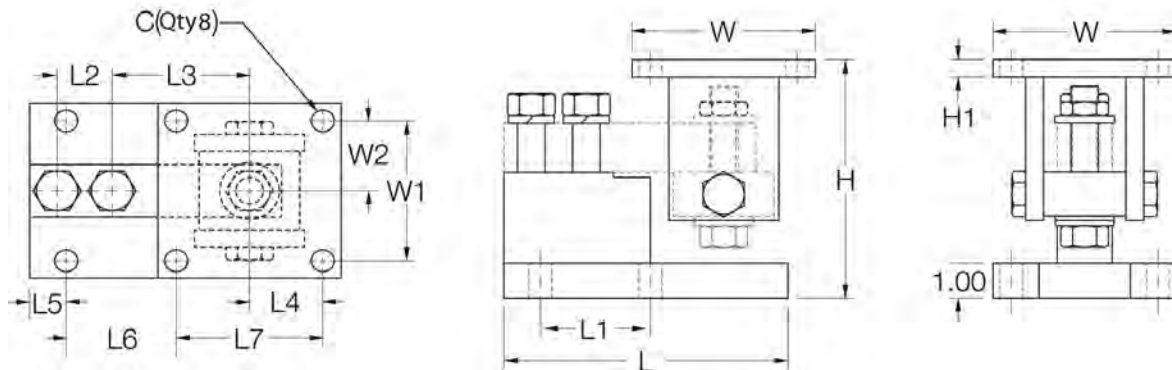
### Load Cell Certifications

---



# RL1855 HE-HS

Medium-capacity Weigh Modules with Hermetically Sealed Load Cells



## Dimensions

Rated Capacity	C	H min/max	H1	L	L1	L2	L3	L4	L5	L6	L7	W	W1	W2
<b>lb/in</b>														
1,000-4,000	0.62	5.25/5.56	0.50	6.00	2.00	1.00	3.00	2.00	0.68	1.94	4.00	5.00	4.00	2.00
5,000-10,000	0.62	6.12/6.62	0.50	7.75	3.00	1.50	3.75	2.00	1.03	2.97	4.00	5.00	4.00	2.00
<b>kg/mm</b>														
453.6-1,814.4	15.8	133.4/141.2	12.7	152.4	50.8	25.4	76.2	50.8	17.3	49.3	101.6	127.0	101.6	50.8
2,268.0-4,535.9	15.8	155.4/168.1	12.7	196.9	76.2	38.1	95.3	50.8	26.2	75.4	101.6	127.0	101.6	50.8

## Order Information

Load Rating (Per Module)	Part #	Price
<b>Single Modules (Includes Load Cell)</b>		
1,000 lb	170857	\$1,025.00
2,500 lb	170858	\$1,025.00
4,000 lb	170859	\$1,025.00
5,000 lb	170860	\$1,125.00
10,000 lb	170861	\$1,125.00
<b>3-Module Kit</b>		
1,000 lb	170862	\$3,295.00
2,500 lb	170863	\$3,295.00
4,000 lb	170864	\$3,295.00
5,000 lb	170865	\$3,445.00
10,000 lb	170866	\$3,445.00
<b>4-Module Kit</b>		
1,000 lb	170867	\$4,320.00
2,500 lb	170868	\$4,320.00
4,000 lb	170869	\$4,320.00
5,000 lb	170870	\$4,740.00
10,000 lb	170871	\$4,740.00

**RL2100 HE**

Heavy-capacity Weigh Modules



Picture is a representation of actual product.

Incorporating an articulating load plate, hardened load pin and double-ended beam load cell into one simple design, the RL2100HE tolerates eccentric loads and side loads of up to 100 percent of capacity. The RL2100 HE comes standard with NTEP Certified, 1:5000 division Class III L load cells, yielding up to 0.02 percent total error. An integral conduit adapter offers added washdown protection. These standard features give the RL2100 HE accuracy and dependability in one heavyweight package. The simple load introduction and load cell design provides consistent accuracy in washdown applications, making the RL2100 HE ideal for high-capacity hostile environments.

### Standard Features

- All stainless steel construction
- Welded seal, stainless steel load cells, IP67, guaranteed waterproof
- NTEP Certified load cells, 5,000 d, Class III L/10,000 d, Class III L multiple cell
- Bolt-in-place design; module bolts directly to tank leg without requiring additional load buttons or mounting plates
- Self-checking design
- Two-year limited warranty

### Applications

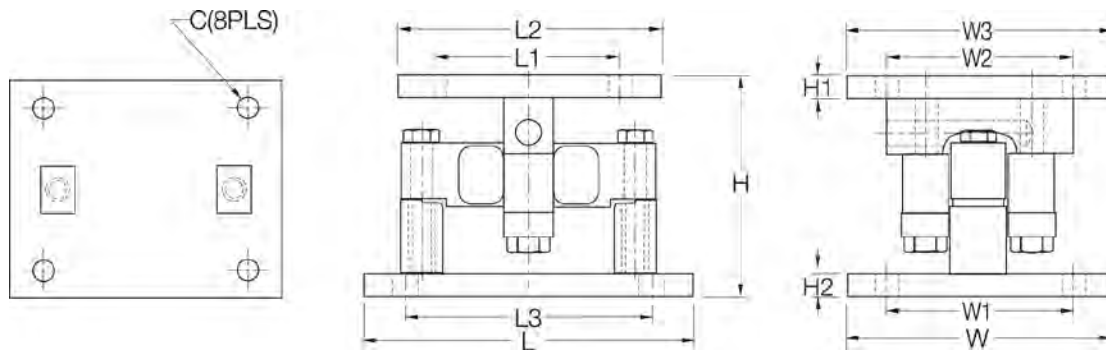
- Heavy-capacity tanks, blenders, reactors and bulk inventory management
- Petroleum refining process control
- Blending/batching

### Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal-trim junction box
- Three or four RL2100HE stainless steel compression mounts
- Three or four RL75060S stainless steel, welded seal double-ended beam load cells
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

### Load Cell Certifications





### Dimensions

Rated Capacity	C	H	H1	H2	L	L1	L2	L3	W	W1	W2	W3
<b>lb/in</b>												
20,000-25,000	0.78	6.85	0.75	0.75	10.00	6.00	8.00	7.50	8.00	6.00	6.00	8.00
35,000-100,000	1.13	9.42	1.00	1.00	16.00	6.50	9.00	11.50	10.00	7.50	6.50	9.00
<b>kg/mm</b>												
9,071.9-11,339.8	19.8	174.0	19.1	19.1	254.0	152.4	203.2	190.5	203.2	152.4	152.4	203.2
15,875.7-45,359.2	28.7	239.3	25.4	25.4	355.6	165.1	228.6	292.1	254.0	190.5	165.1	228.6

### Order Information

Load Rating (Per Module)	Part#	Price	
<b>Single Module (Includes Load Cell)</b>			
20,000 lb	9,071.8 kg	<b>32951</b>	\$1,575.00
25,000 lb	11,339.8 kg	<b>65541</b>	\$1,575.00
35,000 lb	15,875.7 kg	<b>32952</b>	\$2,510.00
50,000 lb	22,679.6 kg	<b>32953</b>	\$2,510.00
60,000 lb	27,215.5 kg	<b>32954</b>	\$2,510.00
75,000 lb	34,019.4 kg	<b>32955</b>	\$2,510.00
100,000 lb	45,359.2 kg	<b>32956</b>	\$4,305.00
<b>3-Module Kit</b>			
20,000 lb	9,071.8 kg	<b>32970</b>	\$4,945.00
25,000 lb	11,339.8 kg	<b>65984</b>	\$4,945.00
35,000 lb	15,875.7 kg	<b>32969</b>	\$7,780.00
50,000 lb	22,679.6 kg	<b>32968</b>	\$7,780.00
60,000 lb	27,215.5 kg	<b>32967</b>	\$7,780.00
75,000 lb	34,019.4 kg	<b>32966</b>	\$7,780.00
100,000 lb	45,359.2 kg	<b>32965</b>	\$12,820.00
<b>4-Module Kit</b>			
20,000 lb	9,071.8 kg	<b>32964</b>	\$6,520.00
25,000 lb	11,339.8 kg	<b>65983</b>	\$6,520.00
35,000 lb	15,875.7 kg	<b>32963</b>	\$9,985.00
50,000 lb	22,679.6 kg	<b>32962</b>	\$9,985.00
60,000 lb	27,215.5 kg	<b>32961</b>	\$9,985.00
75,000 lb	34,019.4 kg	<b>32960</b>	\$9,985.00
100,000 lb	45,359.2 kg	<b>32959</b>	\$17,020.00



Available in configurations with three or four mounting assemblies.  
Picture is a representation of actual product.

The ITCM Series utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications and mechanical scale conversions. The ITCM incorporates clevis and unique rod-end ball joint assemblies to reduce the overall length to less than half of the traditional tension cell mounts, while providing correct load alignment. In addition, the load cell is completely electrically isolated from stray currents, which are a major cause of load cell failure. To complete the design, a grounding strap connects the two clevis assemblies to further provide safety to your load cells.



Module with RL20000 s-beam load cell.

Important: Read "Load Cell Mounting Hardware Safety Guidelines"

## Standard Features

- Capacities (per module): 100 lb-20,000 lb (45.4 kg-9,071.1 kg)
- Clevis mounts with nylon insulating washers
- PTFE-lined rod-end ball joints
- Load cell is completely isolated from stray currents\*
- Grounding strap provides alternative path to ground
- Complete package for ease of installation
- Provides correct load cell loading even in difficult installations
- Lower overall height compared to other isolated tension assemblies
- Zinc-plated clevis assemblies

\*Excluding 20,000 lb (9,071.9 kg) capacity

## Applications

- Suspended hoppers and tanks
- Mechanical scale conversions
- Use as a single module or in multiples

## Complete Kit Includes

- Three or four ITCM assemblies with RL20000 NTEP Certified s-beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

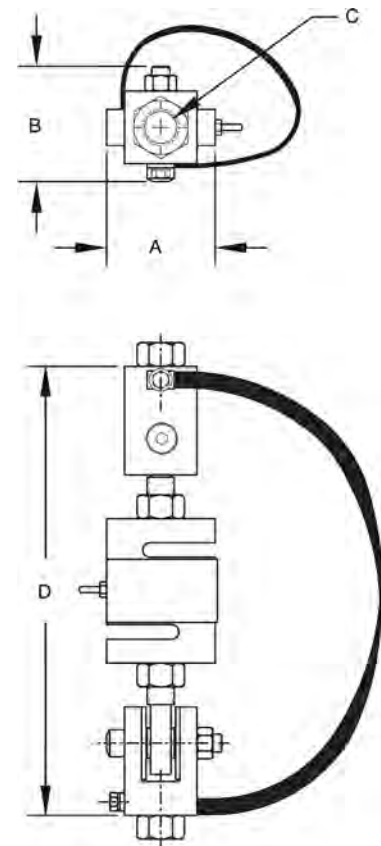
## Load Cell Certifications



**Load Rating Dimensions - Inches (mm)\***

Load Cell Capacity	A	B	C	D
<b>lb/in</b>				
100	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)
150	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)
200	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)
250	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)
500	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)
750	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)
1,000	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)
1,500	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)
2,000	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)
2,500	2.68	2.68	5/8-11 UNC 3/4-10 UNC	9.50 (ref)
3,000	3.37	3.37	3/4-10 UNC	10.50 (ref)
5,000	3.37	3.37	3/4-10 UNC 1-8 UNC	12.25 (ref)
10,000	3.37	3.37	1-8 UNC	12.25 (ref)
15,000	4.00	4.12	1 1/4-7 UNC	18.00 (ref)
20,000	5.00	4.12	1 1/2-6 UNC	20.00 (ref)
<b>kg/mm</b>				
45.4	50.8	46.0	3/8-16 UNC 1/2-13 UNC	(177.8)
68.0	50.8	46.0	3/8-16 UNC 1/2-13 UNC	(177.8)
90.7	50.8	46.0	3/8-16 UNC 1/2-13 UNC	(177.8)
113.4	50.8	46.0	3/8-16 UNC 1/2-13 UNC	(177.8)
226.8	68.1	68.1	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	(241.3)
340.2	68.1	68.1	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	(241.3)
453.6	68.1	68.1	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	(241.3)
680.4	68.1	68.1	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	(241.3)
907.2	68.1	68.1	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	(241.3)
1,134.0	68.1	68.1	5/8-11 UNC 3/4-10 UNC	(241.3)
1,360.8	85.6	85.6	3/4-10 UNC	(266.7)
2,268.0	85.6	85.6	3/4-10 UNC 1-8 UNC	(311.2)
4,535.9	85.6	85.6	1-8 UNC	(311.2)
6,803.9	101.6	104.6	1 1/4-7 UNC	(457.2)
9,071.9	127.0	104.6	1 1/2-6 UNC	(508.0)

\* Load rating is per module

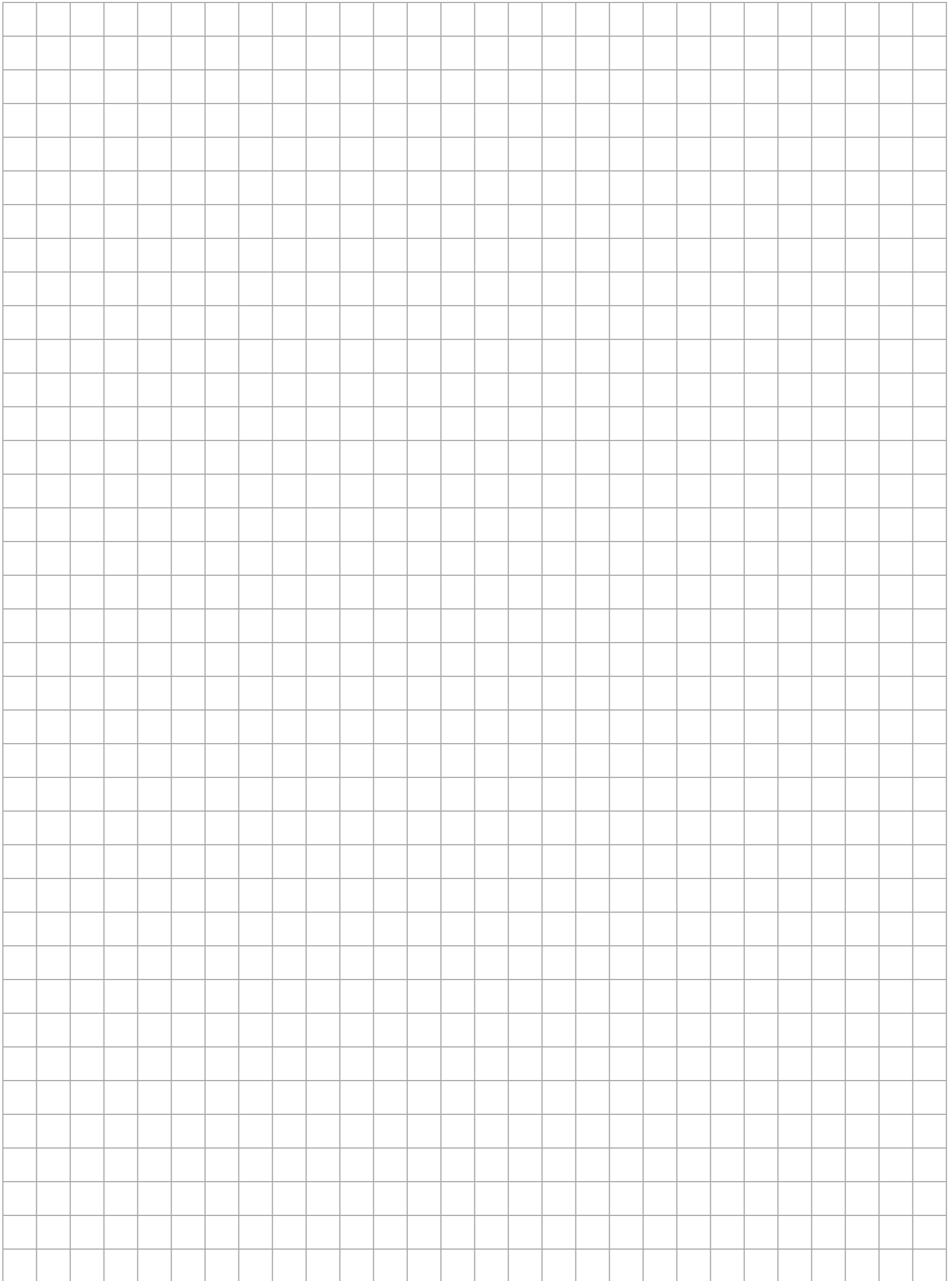


## Order Information

Single Module		Part # (C)	Price
100 lb	45.4 kg	17851 (3/8-16 UNC)	\$500.00
		17831 (1/2-13 UNC)	\$500.00
150 lb	68.0 kg	30337 (3/8-16 UNC)	\$500.00
		30336 (1/2-13 UNC)	\$500.00
200 lb	90.7 kg	30335 (3/8-16 UNC)	\$500.00
		30338 (1/2-13 UNC)	\$500.00
250 lb	113.4 kg	17852 (3/8-16 UNC)	\$500.00
		17832 (1/2-13 UNC)	\$500.00
500 lb	226.8 kg	17853 (1/2-13 UNC)	\$550.00
		17858 (5/8-11 UNC)	\$550.00
		17833 (3/4-10 UNC)	\$550.00
750 lb	340.2 kg	17854 (1/2-13 UNC)	\$550.00
		17859 (5/8-11 UNC)	\$550.00
		17834 (3/4-10 UNC)	\$550.00
1,000 lb	453.6 kg	17855 (1/2-13 UNC)	\$550.00
		17860 (5/8-11 UNC)	\$550.00
		17835 (3/4-10 UNC)	\$550.00
1,500 lb	680.4 kg	17856 (1/2-13 UNC)	\$550.00
		17861 (5/8-11 UNC)	\$550.00
		17836 (3/4-10 UNC)	\$550.00
2,000 lb	907.2 kg	17857 (1/2-13 UNC)	\$550.00
		17862 (5/8-11 UNC)	\$550.00
		17837 (3/4-10 UNC)	\$550.00
2,500 lb	1,134.0 kg	17863 (5/8-11 UNC)	\$550.00
		17838 (3/4-10 UNC)	\$550.00
3,000 lb	1,360.8 kg	30339 (3/4-10 UNC)	\$575.00
5,000 lb	2,268.0 kg	17864 (3/4-10 UNC)	\$750.00
		17839 (1-8 UNC)	\$750.00
10,000 lb	4,535.9 kg	17840 (1-8 UNC)	\$750.00
15,000 lb	6,803.9 kg	17960 (1 1/4-7 UNC)	\$1,550.00
20,000 lb	9,071.9 kg	17961 (1 1/2-6 UNC)	\$1,825.00
3-Module Kit		Part # (C)	Price
100 lb	45.4 kg	18003 (3/8-16 UNC)	\$1,740.00
		18004 (1/2-13 UNC)	\$1,740.00
150 lb	68.0 kg	30357 (3/8-16 UNC)	\$1,740.00
		30358 (1/2-13 UNC)	\$1,740.00
200 lb	90.7 kg	30361 (3/8-16 UNC)	\$1,740.00
		30362 (1/2-13 UNC)	\$1,740.00
250 lb	113.4 kg	18005 (3/8-16 UNC)	\$1,740.00
		18006 (1/2-13 UNC)	\$1,740.00
500 lb	226.8 kg	18007 (1/2-13 UNC)	\$1,865.00
		18008 (5/8-11 UNC)	\$1,865.00
		18009 (3/4-10 UNC)	\$1,865.00
750 lb	340.2 kg	18010 (1/2-13 UNC)	\$1,865.00
		18011 (5/8-11 UNC)	\$1,865.00
		18012 (3/4-10 UNC)	\$1,865.00
1,000 lb	453.6 kg	18013 (1/2-13 UNC)	\$1,865.00
		18014 (5/8-11 UNC)	\$1,865.00
		18015 (3/4-10 UNC)	\$1,865.00
1,500 lb	680.4 kg	18016 (1/2-13 UNC)	\$1,865.00
		18017 (5/8-11 UNC)	\$1,865.00
		18018 (3/4-10 UNC)	\$1,865.00
2,000 lb	907.2 kg	18019 (1/2-13 UNC)	\$1,865.00
		18020 (5/8-11 UNC)	\$1,865.00
		18021 (3/4-10 UNC)	\$1,865.00
2,500 lb	1,134.0 kg	18022 (5/8-11 UNC)	\$1,865.00
		18023 (3/4-10 UNC)	\$1,865.00
3,000 lb	1,360.8 kg	30365 (3/4-10 UNC)	\$1,975.00
5,000 lb	2,268.0 kg	18024 (3/4-10 UNC)	\$2,465.00
		18025 (1-8 UNC)	\$2,465.00
10,000 lb	4,535.9 kg	18026 (1-8 UNC)	\$2,465.00
15,000 lb	6,803.9 kg	30353 (1 1/4-7 UNC)	\$4,885.00
20,000 lb	9,071.9 kg	30355 (1 1/2-6 UNC)	\$5,685.00

4-Module Kit		Part # (C)	Price
100 lb	45.4 kg	18027 (3/8-16 UNC)	\$2,240.00
		18028 (1/2-13 UNC)	\$2,240.00
150 lb	68.0 kg	30359 (3/8-16 UNC)	\$2,240.00
		30360 (1/2-13 UNC)	\$2,240.00
200 lb	90.7 kg	30363 (3/8-16 UNC)	\$2,240.00
		30364 (1/2-13 UNC)	\$2,240.00
250 lb	113.4 kg	18029 (3/8-16 UNC)	\$2,240.00
		18030 (1/2-13 UNC)	\$2,240.00
500 lb	226.8 kg	18031 (1/2-13 UNC)	\$2,410.00
		18032 (5/8-11 UNC)	\$2,410.00
		18033 (3/4-10 UNC)	\$2,410.00
750 lb	340.2 kg	18034 (1/2-13 UNC)	\$2,410.00
		18035 (5/8-11 UNC)	\$2,410.00
		18036 (3/4-10 UNC)	\$2,410.00
1,000 lb	453.6 kg	18037 (1/2-13 UNC)	\$2,410.00
		18038 (5/8-11 UNC)	\$2,410.00
		18039 (3/4-10 UNC)	\$2,410.00
1,500 lb	680.4 kg	18040 (1/2-13 UNC)	\$2,410.00
		18041 (5/8-11 UNC)	\$2,410.00
		18042 (3/4-10 UNC)	\$2,410.00
2,000 lb	907.2 kg	18043 (1/2-13 UNC)	\$2,410.00
		18044 (5/8-11 UNC)	\$2,410.00
		18045 (3/4-10 UNC)	\$2,410.00
2,500 lb	1,134.0 kg	18046 (5/8-11 UNC)	\$2,410.00
		18047 (3/4-10 UNC)	\$2,410.00
3,000 lb	1,360.8 kg	30366 (3/4-10 UNC)	\$2,510.00
5,000 lb	2,268.0 kg	18048 (3/4-10 UNC)	\$3,210.00
		18049 (1-8 UNC)	\$3,210.00
10,000 lb	4,535.9 kg	18050 (1-8 UNC)	\$3,210.00
15,000 lb	6,803.9 kg	30354 (1 1/4-7 UNC)	\$6,410.00
20,000 lb	9,071.9 kg	30356 (1 1/2-6 UNC)	\$7,510.00





**ITCM SS**

Stainless Steel Isolated Tension Cell Modules



Available in configurations with three or four mounting assemblies.  
Picture is a representation of actual product.

The ITCM Series utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications and mechanical scale conversions. The ITCM SS incorporates clevis and unique rod-end ball joint assemblies to reduce the overall length to less than half of the traditional tension cell mounts, while providing correct load alignment. In addition, the load cell is completely electrically isolated from stray currents, which are a major cause of load cell failure. To complete the design, a grounding strap connects the two clevis assemblies to further provide safety to your load cells.



Module with RL20000 ST s-beam load cell.

Important: Read "Load Cell Mounting Hardware Safety Guidelines"

**Standard Features**

- Capacities (per module): 100 lb-5,000 lb (45.4 kg-2,268.0 kg)
- Clevis mounts with nylon insulating washers
- PTFE-lined rod-end ball joints
- Load cell is completely isolated from stray currents
- Grounding strap provides alternative path to ground
- Complete package for ease of installation
- Provides correct load cell loading even in difficult installations
- Lower overall height compared to other isolated tension assemblies

**Applications**

- Suspended hoppers and tanks
- Mechanical scale conversions
- Use as a single module or in multiples

**Complete kit includes:**

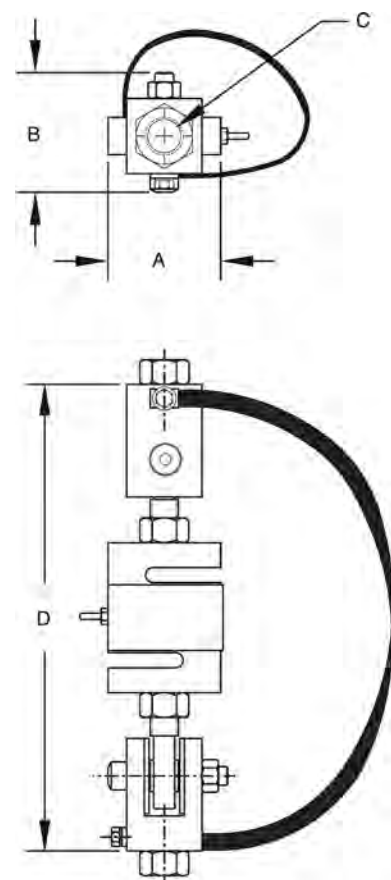
- Three or four ITCM assemblies with RL20000ST NTEP Certified s-beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

**Load Cell Certifications**

**Load Rating Dimensions - Inches (mm)\***

Load Cell Capacity	A	B	C	D
<b>lb/in</b>				
100	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)
250	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)
500	2.68	2.68	1/2-13 UNC 5/8-11 UNC	9.50 (ref)
750	2.68	2.68	1/2-13 UNC 5/8-11 UNC	9.50 (ref)
1,000	2.68	2.68	1/2-13 UNC 5/8-11 UNC	9.50 (ref)
2,500	2.68	2.68	5/8-11 UNC 3/4-10 UNC	9.50 (ref)
3,000	3.37	3.37	3/4-10 UNC	10.75 (ref)
5,000	3.37	3.37	3/4-10 UNC	12.00 (ref)
<b>kg/mm</b>				
45.4	50.8	46.0	3/8-16 UNC 1/2-13 UNC	(177.8)
113.4	50.8	46.0	3/8-16 UNC 1/2-13 UNC	(177.8)
226.8	68.1	68.1	1/2-13 UNC 5/8-11 UNC	(241.3)
340.2	68.1	68.1	1/2-13 UNC 5/8-11 UNC	(241.3)
453.6	68.1	68.1	1/2-13 UNC 5/8-11 UNC	(241.3)
1,134.0	68.1	68.1	5/8-11 UNC 3/4-10 UNC	(241.3)
1,360.8	85.6	85.6	3/4-10 UNC	(273.0)
2,268.0	85.6	85.6	3/4-10 UNC	(304.8)

\*Load rating is per module

**Order Information**

Single Module	Part # (C)	Price
100 lb 45.4 kg	<b>46765</b> (3/8-16 UNC) <b>46766</b> (1/2-13 UNC)	\$785.00 \$785.00
250 lb 113.4 kg	<b>46767</b> (3/8-16 UNC) <b>46768</b> (1/2-13 UNC)	\$785.00 \$785.00
500 lb 226.8 kg	<b>46769</b> (1/2-13 UNC) <b>46770</b> (5/8-11 UNC)	\$785.00 \$785.00
750 lb 340.2 kg	<b>46771</b> (1/2-13 UNC) <b>46772</b> (5/8-11 UNC)	\$785.00 \$785.00
1,000 lb 453.6 kg	<b>46773</b> (1/2-13 UNC) <b>46774</b> (5/8-11 UNC)	\$785.00 \$785.00
2,500 lb 1,134.0 kg	<b>46775</b> (5/8-11 UNC) <b>46776</b> (3/4-10 UNC)	\$785.00 \$785.00
3,000 lb 1,360.8 kg	<b>46777</b> (3/4-10 UNC)	\$840.00
5,000 lb 2,268.0 kg	<b>46778</b> (3/4-10 UNC)	\$1,460.00

3-Module Kit	Part # (C)	Price
100 lb 45.4 kg	<b>46735</b> (3/8-16 UNC) <b>46736</b> (1/2-13 UNC)	\$2,500.00 \$2,500.00
250 lb 113.4 kg	<b>46737</b> (3/8-16 UNC) <b>46738</b> (1/2-13 UNC)	\$2,500.00 \$2,500.00
500 lb 226.8 kg	<b>46739</b> (1/2-13 UNC) <b>46740</b> (5/8-11 UNC)	\$2,500.00 \$2,500.00
750 lb 340.2 kg	<b>46741</b> (1/2-13 UNC) <b>46742</b> (5/8-11 UNC)	\$2,500.00 \$2,500.00
1,000 lb 453.6 kg	<b>46743</b> (1/2-13 UNC) <b>46744</b> (5/8-11 UNC)	\$2,500.00 \$2,500.00
2,500 lb 1,134.0 kg	<b>46745</b> (5/8-11 UNC) <b>46746</b> (3/4-10 UNC)	\$2,500.00 \$2,500.00
3,000 lb 1,360.8 kg	<b>46747</b> (3/4-10 UNC)	\$2,755.00
5,000 lb 2,268.0 kg	<b>46748</b> (3/4-10 UNC)	\$4,550.00

4-Module Kit	Part # (C)	Price
100 lb 45.4 kg	<b>46751</b> (3/8-16 UNC) <b>46752</b> (1/2-13 UNC)	\$3,200.00 \$3,200.00
250 lb 113.4 kg	<b>46753</b> (3/8-16 UNC) <b>46754</b> (1/2-13 UNC)	\$3,200.00 \$3,200.00
500 lb 226.8 kg	<b>46755</b> (1/2-13 UNC) <b>46756</b> (5/8-11 UNC)	\$3,200.00 \$3,200.00
750 lb 340.2 kg	<b>46757</b> (1/2-13 UNC) <b>46758</b> (5/8-11 UNC)	\$3,200.00 \$3,200.00
1,000 lb 453.6 kg	<b>46759</b> (1/2-13 UNC) <b>46760</b> (5/8-11 UNC)	\$3,200.00 \$3,200.00
2,500 lb 1,134.0 kg	<b>46761</b> (5/8-11 UNC) <b>46762</b> (3/4-10 UNC)	\$3,200.00 \$3,200.00
3,000 lb 1,360.8 kg	<b>46763</b> (3/4-10 UNC)	\$3,450.00
5,000 lb 2,268.0 kg	<b>46764</b> (3/4-10 UNC)	\$5,895.00

**ITCM HE**

Stainless Steel, Welded Seal, NTEP Certified Isolated Tension Cell Modules



Available in configurations with three or four mounting assemblies.  
Picture is a representation of actual product.

The ITCM Series utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications and mechanical scale conversions. The ITCM HE incorporates clevis and unique rod-end ball joint assemblies to reduce the overall length to less than half of the traditional tension cell mounts, while providing correct load alignment. In addition, the load cell is completely electrically isolated from stray currents, which are a major cause of load cell failure. To complete the design, a grounding strap connects the two clevis assemblies to further provide safety to your load cells.



Module with RL20001 HE s-beam load cell.

Important: Read "Load Cell Mounting Hardware Safety Guidelines"

**Standard Features**

- Capacities (per module): 500 lb-5,000 lb (226.8 kg-2,268.0 kg)
- Clevis mounts with nylon insulating washers
- PTFE-lined rod-end ball joints
- Load cell is completely isolated from stray currents
- Grounding strap provides alternative path to ground
- Complete package for ease of installation
- Provides correct load-cell loading even in difficult installations
- Lower overall height compared to other isolated tension assemblies

**Applications**

- Suspended hoppers and tanks
- Mechanical scale conversions
- Use as a single module or in multiples

**Complete kit includes:**

- Three or four ITCM assemblies with RL20001HE NTEP Certified s-beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

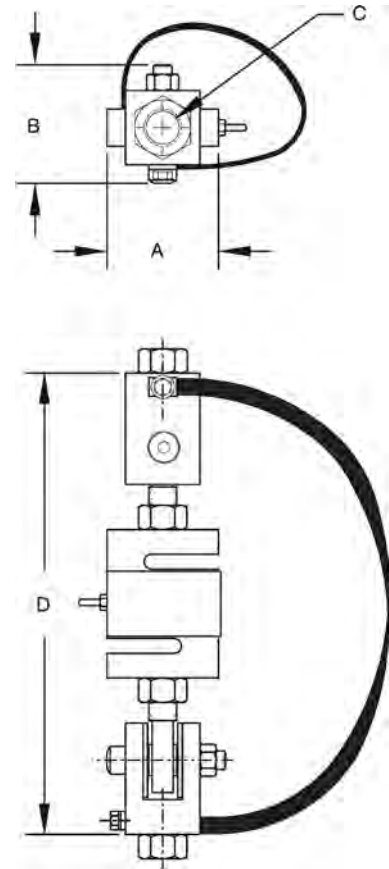
**Load Cell Certifications**

Stainless Steel, Welded Seal, NTEP Certified Isolated Tension Cell Modules

## Load Rating Dimensions - Inches (mm)\*

Load Cell Capacity	A	B	C	D
<b>lb/in</b>				
500	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)
750	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)
1,000	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)
1,500	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)
2,000	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)
2,500	2.68	2.68	5/8-11 UNC 3/4-10 UNC	9.50 (ref)
3,000	3.37	3.37	3/4-10 UNC	10.00 (ref)
5,000	3.37	3.37	3/4-10 UNC	12.62 (ref)
<b>kg/mm</b>				
226.8	68.1	68.1	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	(241.3)
340.2	68.1	68.1	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	(241.3)
453.6	68.1	68.1	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	(241.3)
680.4	68.1	68.1	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	(241.3)
907.2	68.1	68.1	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	(241.3)
1,134.0	68.1	68.1	5/8-11 UNC 3/4-10 UNC	(241.3)
1,360.8	85.6	85.6	3/4-10 UNC	(254.0)
2,268.0	85.6	85.6	3/4-10 UNC	(320.5)

\* Load rating is per module



## Order Information

Single Module	Part # (C)	Price
500 lb 226.8 kg	<b>46599</b> (1/2-13 UNC) <b>46600</b> (5/8-11 UNC) <b>46601</b> (3/4-10 UNC)	\$1,435.00 \$1,435.00 \$1,435.00
750 lb 340.2 kg	<b>46602</b> (1/2-13 UNC) <b>46603</b> (5/8-11 UNC) <b>46604</b> (3/4-10 UNC)	\$1,435.00 \$1,435.00 \$1,435.00
1,000 lb 453.6 kg	<b>46605</b> (1/2-13 UNC) <b>46606</b> (5/8-11 UNC) <b>46607</b> (3/4-10 UNC)	\$1,435.00 \$1,435.00 \$1,435.00
1,500 lb 680.4 kg	<b>46608</b> (1/2-13 UNC) <b>46609</b> (5/8-11 UNC) <b>46610</b> (3/4-10 UNC)	\$1,435.00 \$1,435.00 \$1,435.00
2,000 lb 907.2 kg	<b>46611</b> (1/2-13 UNC) <b>46612</b> (5/8-11 UNC) <b>46613</b> (3/4-10 UNC)	\$1,435.00 \$1,435.00 \$1,435.00
2,500 lb 1,134.0 kg	<b>46614</b> (5/8-11 UNC) <b>46615</b> (3/4-10 UNC)	\$1,435.00 \$1,435.00
3,000 lb 1,360.8 kg	<b>46616</b> (3/4-10 UNC)	\$1,435.00
5,000 lb 2,268.0 kg	<b>46617</b> (3/4-10 UNC)	\$2,135.00

3-Module Kit	Part # (C)	Price
500 lb 226.8 kg	<b>46561</b> (1/2-13 UNC) <b>46562</b> (5/8-11 UNC) <b>46563</b> (3/4-10 UNC)	\$4,200.00 \$4,200.00 \$4,200.00
750 lb 340.2 kg	<b>46564</b> (1/2-13 UNC) <b>46565</b> (5/8-11 UNC) <b>46566</b> (3/4-10 UNC)	\$4,200.00 \$4,200.00 \$4,200.00
1,000 lb 453.6 kg	<b>46567</b> (1/2-13 UNC) <b>46568</b> (5/8-11 UNC) <b>46569</b> (3/4-10 UNC)	\$4,200.00 \$4,200.00 \$4,200.00
1,500 lb 680.4 kg	<b>46570</b> (1/2-13 UNC) <b>46571</b> (5/8-11 UNC) <b>46572</b> (3/4-10 UNC)	\$4,200.00 \$4,200.00 \$4,200.00
2,000 lb 907.2 kg	<b>46573</b> (1/2-13 UNC) <b>46574</b> (5/8-11 UNC) <b>46575</b> (3/4-10 UNC)	\$4,200.00 \$4,200.00 \$4,200.00
2,500 lb 1,134.0 kg	<b>46576</b> (5/8-11 UNC) <b>46577</b> (3/4-10 UNC)	\$4,200.00 \$4,200.00
3,000 lb 1,360.8 kg	<b>46578</b> (3/4-10 UNC)	\$4,200.00
5,000 lb 2,268.0 kg	<b>46579</b> (3/4-10 UNC)	\$6,295.00

4-Module Kit	Part # (C)	Price
500 lb 226.8 kg	<b>46580</b> (1/2-13 UNC) <b>46581</b> (5/8-11 UNC) <b>46582</b> (3/4-10 UNC)	\$5,600.00 \$5,600.00 \$5,600.00
750 lb 340.2 kg	<b>46583</b> (1/2-13 UNC) <b>46584</b> (5/8-11 UNC) <b>46585</b> (3/4-10 UNC)	\$5,600.00 \$5,600.00 \$5,600.00
1,000 lb 453.6 kg	<b>46586</b> (1/2-13 UNC) <b>46587</b> (5/8-11 UNC) <b>46588</b> (3/4-10 UNC)	\$5,600.00 \$5,600.00 \$5,600.00
1,500 lb 680.4 kg	<b>46589</b> (1/2-13 UNC) <b>46590</b> (5/8-11 UNC) <b>46591</b> (3/4-10 UNC)	\$5,600.00 \$5,600.00 \$5,600.00
2,000 lb 907.2 kg	<b>46592</b> (1/2-13 UNC) <b>46593</b> (5/8-11 UNC) <b>46594</b> (3/4-10 UNC)	\$5,600.00 \$5,600.00 \$5,600.00
2,500 lb 1,134.0 kg	<b>46595</b> (5/8-11 UNC) <b>46596</b> (3/4-10 UNC)	\$5,600.00 \$5,600.00
3,000 lb 1,360.8 kg	<b>46597</b> (3/4-10 UNC)	\$5,600.00
5,000 lb 2,268.0 kg	<b>46598</b> (3/4-10 UNC)	\$8,350.00

## WEIGH MODULES

**RL50210 TA**

50lb-500lb Capacity Mini Tank Weighing Module



Available in configurations with three or four mounting assemblies.  
Picture is a representation of actual product.

The RL50210 TA weigh module kit provides a cost-effective alternative for your customers' low-range weighing needs. A variety of features makes this kit easy to install and an exceptional choice for various indoor weighing applications where checking requirements are low. Environmentally protected load cells, neoprene isolation/compression mounts and other Rice Lake Weighing Systems components are the keys to this module's outstanding performance.

Module with RL50210 or RL50210SS cantilever beam load cell; capacities (per module): 50 lb (22.7 kg), 100 lb (45.4 kg), 150 lb (68.0 kg) and 250 lb (113.4 kg). 500 lb model features RL30000 single-ended beam load cell.



RL50210 TA mild steel (50 lb-250 lb)

## Standard Features

- Zinc plated, mild steel modules
- Lower weighing ranges from 50 lb-500 lb (22.7 kg-226.8 kg) per module
- Environmentally protected load cells
- Neoprene isolation/compression mounts allow for minor misalignment, thermal expansion and shock absorption
- Overload stop for 500 lb (226.8 kg) modules provides durability

## Applications

- Small tanks and hoppers
- Conveyor/In-motion weighing
- Small platform scales where minor shock loading may be a problem

## Optional Features

- Stainless steel modules available in 500 lb (226.8 kg) capacities with RL39123 stainless steel load cells or VPG Sensortronics® 65023 SS load cells
- 65059 kits available with VPG Sensortronics 60040 load cells, capacities: 50 lb-250 lb (22.7 kg-113.4 kg) or 65023 load cells, capacity: 500 lb (226.8 kg)

## Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL50210 cantilever beam load cells (50 lb-250 lb models)
- Three or four RL30000 single-ended beam load cells (500 lb models)
- Three or four RL39123 stainless steel single-ended beam load cells (500 lb)
- Three or four neoprene isolation/compression mounts
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

## Load Cell Certifications



**Dimensions**

Rated Capacity	C	C1	H	H1	L	L1	L2	W	W1	W2	W3
<b>lb/in</b>											
50-250	0.34	—	3.13	0.50	4.00	3.25	2.38	3.88	3.00	2.25	—
500	0.44	0.56	3.88	0.50	6.00	4.00	3.38	5.50	4.00	3.00	4.13
<b>kg/mm</b>											
22.7-113.4	8.6	—	79.5	12.7	101.6	82.6	60.5	98.6	76.2	57.2	—
226.8	11.2	14.2	98.6	12.7	152.4	101.6	85.9	139.7	101.6	76.2	104.9

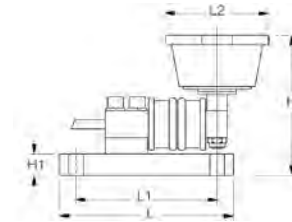
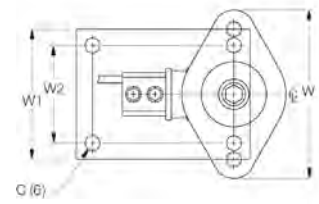
**Order Information**

Load Rating (Per Module)*	Part#	Price
<b>Mild Steel Single Module (Includes Load Cell)</b>		
50 lb	17844	\$415.00
100 lb	17845	\$415.00
150 lb	17846	\$415.00
250 lb	17847	\$415.00
500 lb	17848	\$550.00
<b>Mild Steel 3-Module Kit</b>		
50 lb	18051	\$1,450.00
100 lb	18052	\$1,450.00
150 lb	18053	\$1,450.00
250 lb	18054	\$1,450.00
500 lb	18055	\$1,875.00
<b>Mild Steel 4-Module Kit</b>		
50 lb	18057	\$1,865.00
100 lb	18058	\$1,865.00
150 lb	18059	\$1,865.00
250 lb	18060	\$1,865.00
500 lb	18061	\$2,375.00
<b>Stainless Steel Single Module (Includes Load Cell)</b>		
500 lb	17954	\$640.00
<b>Stainless Steel 3-Module Kit</b>		
500 lb	30394	\$2,135.00
<b>Stainless Steel 4-Module Kit</b>		
500 lb	30393	\$2,795.00

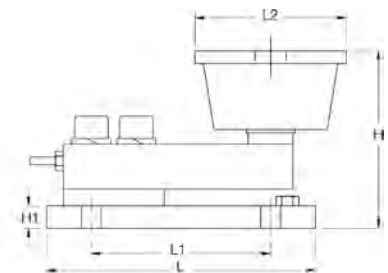
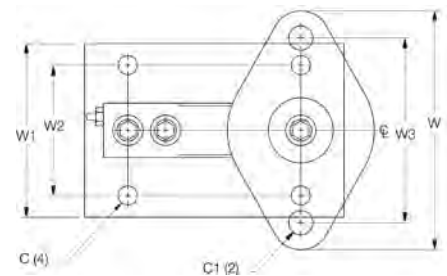
**VPG Sensortronics 65059 Order Information**

Load Rating (Per Module)*	Part#	Price
<b>Mild Steel Single Module (Includes Load Cell)</b>		
50 lb	17825	\$415.00
100 lb	17826	\$415.00
150 lb	17827	\$415.00
250 lb	17828	\$415.00
500 lb	17829	\$550.00
<b>Mild Steel 3-Module Kit</b>		
50 lb	18063	\$1,450.00
100 lb	18064	\$1,450.00
150 lb	18065	\$1,450.00
250 lb	18066	\$1,450.00
500 lb	18067	\$1,875.00
<b>Mild Steel 4-Module Kit</b>		
50 lb	18069	\$1,865.00
100 lb	18070	\$1,865.00
150 lb	18071	\$1,865.00
250 lb	18072	\$1,865.00
500 lb	18073	\$2,375.00
<b>Stainless Steel Single Module (Includes Load Cell)</b>		
500 lb	17950	\$640.00
<b>Stainless Steel 3-Module Kit</b>		
500 lb	30392	\$2,135.00
<b>Stainless Steel 4-Module Kit</b>		
500 lb	30391	\$2,795.00

\* Load rating is per module



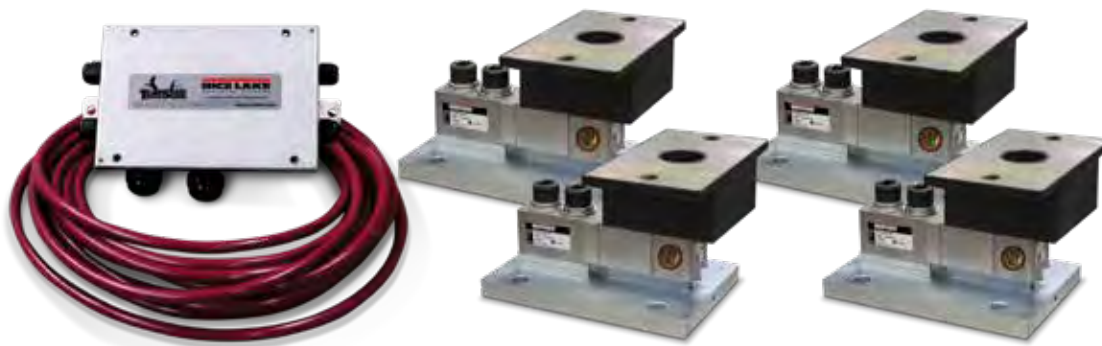
50-250 lb (22.7-113.4 kg)



500 lb (226.8 kg)

**RL50210 TA**

1,000lb-2,500lb Capacity Mini Tank Weighing Module



Available in configurations with three or four mounting assemblies.  
Picture is a representation of actual product.

The RL50210 TA weigh module kit provides a cost-effective alternative for your customers' medium-range weighing needs. A variety of features makes this kit easy to install and an exceptional choice for various indoor weighing applications where checking requirements are low. Environmentally protected load cells, neoprene isolation/compression mounts and other Rice Lake Weighing Systems components are the keys to this module's performance.



Module with RL35023 single-ended shear beam load cell; capacities (per module):  
NTEP Certified 1,000lb (453.6 kg) load cell shown.

### Standard Features

- NTEP Certified load cells (alloy steel only), 1:5000 d, Class III multiple cell
- Zinc plated, mild steel assemblies
- Medium weighing ranges from 1,000lb-2,500lb (453.6kg-1,134.0 kg) per module
- Environmentally protected load cells
- Neoprene isolation/compression mounts allow for minor misalignment, thermal expansion and shock absorption
- Overload stop provides durability
- RL50210 stainless steel mounts use RL35023S stainless steel load cells, capacities: 1,000lb-2,500lb (453.6kg-1,134.0kg) NTEP Certified cells
- 65059 stainless steel mounts use VPG Sensortronics 65023S NTEP Certified stainless steel load cells

### Applications

- Small tanks and hoppers
- Conveyor/In-motion weighing
- Small platform scales where minor shock loading may be a problem

### Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL35023 shear beam load cells
- Three or four neoprene isolation/compression mounts
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

### Optional Features

- Welded stainless steel cells available in stainless steel mounts

### Load Cell Certifications





**Dimensions**

Rated Capacity	C	C1	H	H1	L	L1	L2	W	W1	W2	W3
<b>lb/in</b>											
1,000	0.44	—	4.00	0.50	6.00	4.00	3.00	5.13	4.00	3.00	4.13
2,000-2,500	0.44	0.56	4.00	0.50	6.00	4.00	4.62	6.25	4.00	3.00	5.00
<b>kg/mm</b>											
453.6	11.2	—	101.6	12.7	152.4	101.6	76.2	130.3	101.6	76.2	104.9
907.2-1,134.0	11.2	14.2	101.6	12.7	152.4	101.6	117.3	158.8	101.6	76.2	127.0

**Order Information**

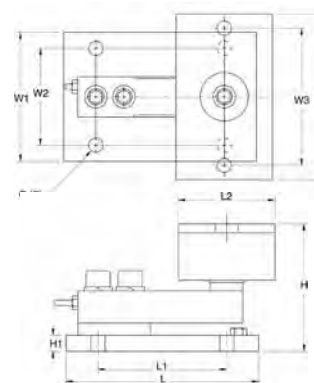
Load Rating (Per Module)*		Part#	Price
<b>Mild Steel Single Module (Includes Load Cell)</b>			
1,000 lb	453.6 kg	<b>17849</b>	\$550.00
2,000 lb	907.2 kg	<b>17948</b>	\$550.00
2,500 lb	1,134.0 kg	<b>17949</b>	\$550.00
<b>Mild Steel 3-Module Kit</b>			
1,000 lb	453.6 kg	<b>18056</b>	\$1,875.00
2,000 lb	907.2 kg	<b>30398</b>	\$1,875.00
2,500 lb	1,134.0 kg	<b>30396</b>	\$1,875.00
<b>Mild Steel 4-Module Kit</b>			
1,000 lb	453.6 kg	<b>18062</b>	\$2,400.00
2,000 lb	907.2 kg	<b>30397</b>	\$2,400.00
2,500 lb	1,134.0 kg	<b>30395</b>	\$2,400.00
<b>Stainless Steel Single Module (Includes Load Cell)</b>			
1,000 lb	453.6 kg	<b>17955</b>	\$640.00
2,000 lb	907.2 kg	<b>17956</b>	\$640.00
2,500 lb	1,134.0 kg	<b>17957</b>	\$640.00
<b>Stainless Steel 3-Module Kit</b>			
1,000 lb	453.6 kg	<b>30404</b>	\$2,020.00
2,000 lb	907.2 kg	<b>30402</b>	\$2,135.00
2,500 lb	1,134.0 kg	<b>30400</b>	\$2,135.00
<b>Stainless Steel 4-Module Kit</b>			
1,000 lb	453.6 kg	<b>30403</b>	\$2,795.00
2,000 lb	907.2 kg	<b>30401</b>	\$2,795.00
2,500 lb	1,134.0 kg	<b>30399</b>	\$2,795.00

\* Load rating is per module

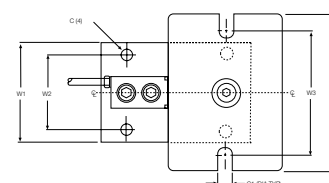
**VPG Scentroid® 65059 Order Information**

Load Rating (Per Module)*		Part#	Price
<b>Mild Steel Single Module (Includes Load Cell)</b>			
1,000 lb	453.6 kg	<b>17830</b>	\$550.00
2,000 lb	907.2 kg	<b>17946</b>	\$550.00
2,500 lb	1,134.0 kg	<b>17947</b>	\$550.00
<b>Mild Steel 3-Module Kit</b>			
1,000 lb	453.6 kg	<b>18068</b>	\$1,875.00
2,000 lb	907.2 kg	<b>30413</b>	\$1,875.00
2,500 lb	1,134.0 kg	<b>30412</b>	\$1,875.00
<b>Mild Steel 4-Module Kit</b>			
1,000 lb	453.6 kg	<b>18074</b>	\$2,400.00
2,000 lb	907.2 kg	<b>30414</b>	\$2,400.00
2,500 lb	1,134.0 kg	<b>30411</b>	\$2,400.00
<b>Stainless Steel Single Module (Includes Load Cell)</b>			
1,000 lb	453.6 kg	<b>17951</b>	\$640.00
2,000 lb	907.2 kg	<b>17952</b>	\$640.00
2,500 lb	1,134.0 kg	<b>17953</b>	\$640.00
<b>Stainless Steel 3-Module Kit</b>			
1,000 lb	453.6 kg	<b>30410</b>	\$2,135.00
2,000 lb	907.2 kg	<b>30408</b>	\$2,135.00
2,500 lb	1,134.0 kg	<b>30406</b>	\$2,135.00
<b>Stainless Steel 4-Module Kit</b>			
1,000 lb	453.6 kg	<b>30409</b>	\$2,795.00
2,000 lb	907.2 kg	<b>30407</b>	\$2,795.00
2,500 lb	1,134.0 kg	<b>30405</b>	\$2,795.00

\* Load rating is per module



1,000 lb (453.6 kg)



2,000 lb-2,500 lb (907.2 kg-1,134.0 kg)

**Paramounts® EP**

Environmentally Protected, Mild Steel, Light- to Medium-capacity Tank Weighing Systems

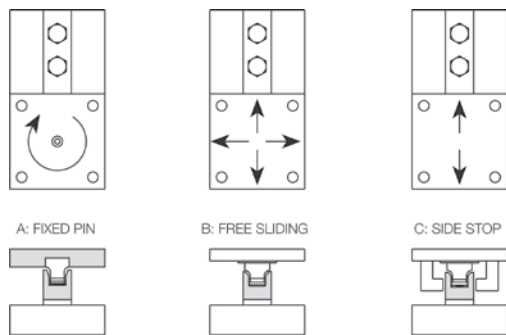


Available in configurations with three or four mounting assemblies.  
Picture is a representation of actual product.

The Paramounts EP system offers all the design advantages of the Paramounts system in applications where the extensive sealing of the SB4 load cell is not necessary. Paramounts EP provides a low-cost alternative for the superior mechanical loading system found in the standard Paramounts. Economy and performance are in one complete weighing system.



Free-sliding module with Flintec SB5 bending beam load cell.



Fixed-pin Mount

Free-sliding Mount

Side-stop Mount

**Standard Features**

- Capacities (per module): 1,125 lb-22,500 lb (1 kN/102.1 kg-100 kN/10,205.9 kg)
- NTEP Certified load cells
- Unique design allows for thermal expansion/contraction
- Jacking screw allows empty vessel to be lifted clear of load cell for maintenance
- Unique blind load hole eliminates unwanted side and eccentric loads
- Vessel is free to slide laterally on PTFE-coated surfaces
- Load cell outputs are matched to  $\pm 0.07\%$  allowing replacement without further calibration

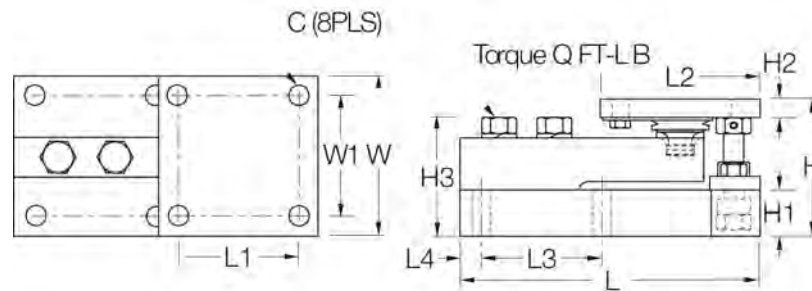
**Applications**

- Light- to medium-capacity tanks and hoppers
- High-vibration mixers and blenders
- Process measurement and control

**Complete Kit Includes**

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- One fixed-pin module, one side-stop module, and one or two free-sliding assemblies. Each module is complete with a Flintec® SB5 NTEP Certified 1:5000 d, Class II, stainless steel environmentally protected load cell
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

**Load Cell Certifications**



## Dimensions

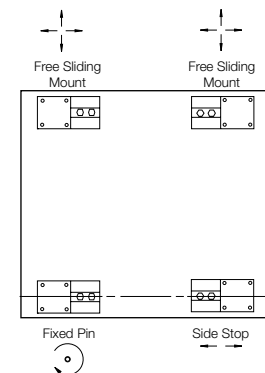
Rated Capacity	C	H	H1	*H2	**H2	H3	L	L1	L2	L3	L4	W	W1	Q (FT- LB)	
<b>lb/in</b>															
1,125-4,500	5-23 kN	0.437	3.58	1.25	0.50	0.75	3.06	7.51	3.00	4.00	3.00	0.50	4.00	3.00	65.00
11,250	50 kN	0.562	4.66	1.50	0.62	1.00	4.09	9.19	3.87	5.00	3.87	0.56	5.00	3.87	295.00
22,500	100 kN	0.688	6.41	2.00	0.75	1.25	5.73	11.46	4.75	6.00	4.75	0.69	6.00	4.75	515.00
<b>kg/mm</b>															
510.8-2,041.0		11.1	90.9	31.8	12.7	19.1	77.7	190.8	76.2	101.6	76.2	12.7	101.6	76.2	—
5,107.5		14.3	118.4	38.1	15.7	25.4	103.9	233.4	98.3	127.0	98.3	14.2	127.0	98.3	—
10,215.0		17.5	162.8	50.8	19.1	31.8	145.5	291.1	120.7	152.4	120.7	17.5	152.4	120.7	—

## Order Information

Load Rating (Per Module)		Part#	Price
<b>NTEP Certified 3-Module Kits</b>			
1,125 lb	5 kN/510.8 kg	<b>33683</b>	\$2,298.00
2,250 lb	10 kN/1,021.5 kg	<b>33682</b>	\$2,298.00
4,500 lb	20 kN/2,041.2 kg	<b>33681</b>	\$2,298.00
11,250 lb	50 kN/5,107.5 kg	<b>33680</b>	\$2,635.00
<b>NTEP Certified 4-Module Kits</b>			
1,125 lb	5 kN/510.8 kg	<b>33678</b>	\$3,060.00
2,250 lb	10 kN/1,021.5 kg	<b>33677</b>	\$3,060.00
4,500 lb	20 kN/2,041.2 kg	<b>33676</b>	\$3,060.00
11,250 lb	50 kN/5,107.5 kg	<b>33675</b>	\$3,895.00
<b>Non-NTEP Certified 3-Module Kit</b>			
22,500 lb	100 kN/10,205.8 kg	<b>33679</b>	\$4,190.00
<b>Non-NTEP Certified 4-Module Kit</b>			
22,500 lb	100 kN/10,215.0 kg	<b>33674</b>	\$5,160.00

\* Side-stop and free-sliding units

\*\* Fixed-pin units



### VESSEL ARRANGEMENT

When arranged as illustrated, the vessel is fixed at one corner but is able to slide freely as indicated. This ensures that there is minimal side loading on the cells and at the same time the vessel is self-checking. The unique, patented blind load hole technology used in these mounts introduces the load at the neutral axis of the load cell which helps minimize the effects of side loads.

**Paramounts® HS**

Hermetically Sealed, Mild Steel, Light- to Medium-capacity Tank Weighing Systems

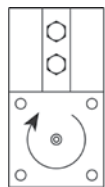


Available in configurations with three or four mounting assemblies.  
Picture is a representation of actual product.

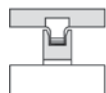
The Paramounts tank weighing system consists of one fixed-pin mount which allows only the top plate to rotate, one side-stop mount which allows the top plate to slide along the cell only, and one or more free-sliding mount(s) which allows the top plate to slide freely in all directions. This system provides self checking while maintaining unparalleled system accuracy.



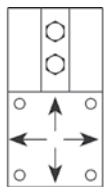
Free-sliding module with Flintec SB4 bending beam load cell.



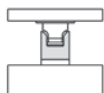
A: FIXED PIN



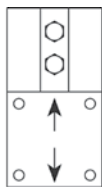
Fixed-Pin Mount



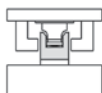
B: FREE SLIDING



Free-Sliding Mount



C: SIDE STOP



Side-Stop Mount

**Standard Features**

- Capacities (per module): 520 lb-22,500 lb (2.3 kN/102.1 kg-100 kN/10,205.9 kg)
- Unique design allows for thermal expansion/contraction
- Jacking screw allows empty vessel to be lifted clear of load cell for maintenance
- Unique blind load hole eliminates unwanted side and eccentric loads
- Vessel is free to slide laterally on PTFE-coated surfaces
- Load cell outputs are matched to  $\pm 0.07\%$ , allowing replacement without further calibration

**Applications**

- Light- to medium-capacity tanks and hoppers
- Mixers and blenders
- Process measurement and control

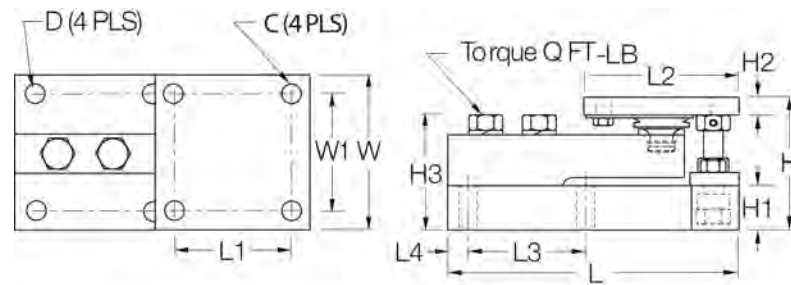
**Complete Kit Includes**

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- One fixed-pin module, one side-stop module, and one or two free-sliding assemblies. Each module is complete with a Flintec® SB4 or SB10 (520 lb) stainless steel hermetically sealed load cell
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

**Optional Features**

- NTEP Certified load cells available: Capacities 1,125 lb-11,250 lb

**Load Cell Certifications**



## Dimensions

Rated Capacity	C	D	H	H1	*H2	**H2	H3	L	L1	L2	L3	L4	W	W1	Q (FT- LB)	
lb/in																
520	2.3 kN	0.375	0.437	3.49	1.00	0.50	0.75	2.98	7.51	3.00	4.00	3.00	0.50	4.00	3.00	65.00
1,125-5,200	5 kN-23 kN	0.437	0.437	3.58	1.25	0.50	0.75	3.06	7.51	3.00	4.00	3.00	0.50	4.00	3.00	65.00
11,250	50 kN	0.562	0.562	4.66	1.50	0.62	1.00	4.09	9.19	3.87	5.00	3.87	0.56	5.00	3.87	295.00
22,500	100 kN	0.688	0.688	6.41	2.00	0.75	1.25	5.73	11.46	4.75	6.00	4.75	0.69	6.00	4.75	515.00
kg/mm																
236.1		9.5	11.1	88.6	25.4	12.7	19.1	75.7	190.8	76.2	101.6	76.2	12.7	101.6	76.2	—
510.8-2,360.0		11.1	11.1	90.9	31.8	12.7	19.1	77.7	190.8	76.2	101.6	76.2	12.7	101.6	76.2	—
5,107.5		14.3	14.3	118.4	38.1	15.7	25.4	103.9	233.4	98.3	127.0	98.3	14.2	127.0	98.3	—
10,215.0		17.5	17.5	162.8	50.8	19.1	31.8	145.5	291.1	120.7	152.4	120.7	17.5	152.4	120.7	—

## Order Information

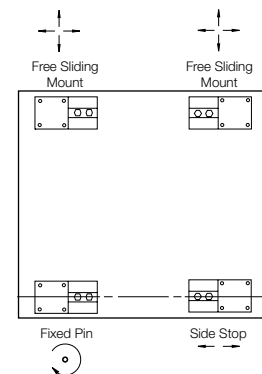
Load Rating (Per Module)	Part#	Price	
<b>NTEP Certified 3-Module Kit</b>			
1,125 lb	5 kN/510.8 kg	<b>29871</b>	\$2,895.00
2,250 lb	10 kN/1,021.5 kg	<b>29872</b>	\$2,895.00
5,200 lb	23 kN/2,360.8 kg	<b>29873</b>	\$2,895.00
11,250 lb	50 kN/5,107.5 kg	<b>29874</b>	\$3,525.00
<b>NTEP Certified 4-Module Kit</b>			
1,125 lb	5 kN/510.8 kg	<b>29875</b>	\$3,895.00
2,250 lb	10 kN/1,021.5 kg	<b>29876</b>	\$3,895.00
5,200 lb	23 kN/2,360.8 kg	<b>29877</b>	\$3,895.00
11,250 lb	50 kN/5,107.5 kg	<b>29878</b>	\$4,400.00

\* Side-stop and free-sliding units

\*\* Fixed-pin units

## Order Information

Load Rating (Per Module)	Part#	Price	
<b>Non-NTEP Certified 3-Module Kit</b>			
520 lb	2.3 kN/236.1 kg	<b>38205</b>	\$3,695.00
1,125 lb	5 kN/510.8 kg	<b>17977</b>	\$2,795.00
2,250 lb	10 kN/1021.5 kg	<b>17978</b>	\$2,795.00
5,200 lb	23 kN/2,360.8 kg	<b>17979</b>	\$2,795.00
11,250 lb	50 kN/5,107.5 kg	<b>17980</b>	\$3,395.00
22,500 lb	100 kN/10,215.0 kg	<b>17981</b>	\$4,395.00
<b>Non-NTEP Certified 4-Module Kit</b>			
520 lb	2.3 kN/236.1 kg	<b>38206</b>	\$4,925.00
1,125 lb	5 kN/510.8 kg	<b>17984</b>	\$3,695.00
2,250 lb	10 kN/1,021.5 kg	<b>17985</b>	\$3,695.00
5,200 lb	23 kN/2,360.8 kg	<b>17986</b>	\$3,695.00
11,250 lb	50 kN/5,107.5 kg	<b>17987</b>	\$4,195.00
22,500 lb	100 kN/10,215.0 kg	<b>17988</b>	\$5,295.00
**Conduit adapter 1/2-14 NPT	<b>17703</b>	\$45.00	



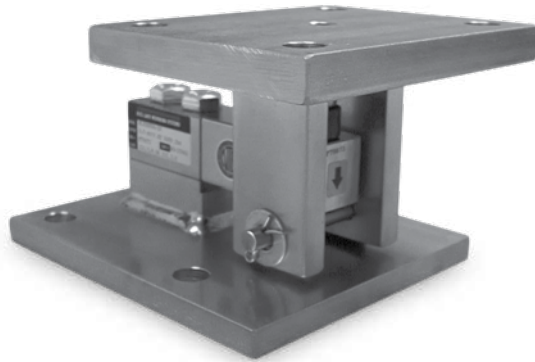
### VESSEL ARRANGEMENT

When arranged as illustrated, the vessel is fixed at one corner but is able to slide freely as indicated. This ensures that there is minimal side loading on the cells and at the same time the vessel is self-checking. The unique, patented blind load hole technology used in these mounts introduces the load at the neutral axis of the load cell which helps minimize the effects of side loads.

## WEIGH MODULES

**RLBTM Mild/Stainless Steel**

Mild Steel/Stainless Steel Weigh Modules



Does not include load cell.  
Picture is a representation of actual product.

The RLBTM mount was specifically created to take advantage of the improved load introduction accuracy of the ball and cup design. This multi-purpose mount is ideal for both indoor and outdoor applications, and can be used with a variety of single-ended beam load cells. Available in both mild and stainless steel, the RLBTM offers superior accuracy at an affordable price. These assemblies are also quick and easy to install, making the RLBTM the perfect choice for low-capacity, multi-purpose weighing needs.

**Dimensions**

Rated Capacity	A	B	C	D	E	F	G	H	I
lb/in									
1,000-5,000 SE*	8.00	5.00	6.00	4.50	3.50	4.75	4.00	7.00	0.63
kg/mm									
453.6-2,268.0	203.2	127.00	152.4	114.3	88.9	120.6	101.6	177.8	16.0

**Mild Steel Order Information**

Load Rating (Per Module)	Part#	Price
Single Module (Does NOT Include Load Cell)		
1,000 lb-5,000 lb SE*	53059	\$365.00

\*SE refers to small envelope

**Stainless Steel Order Information**

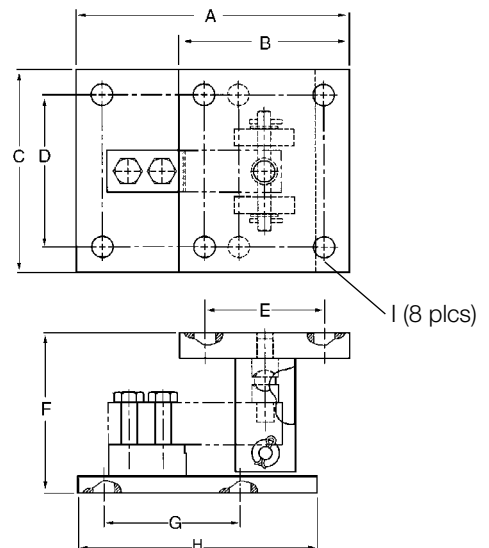
Load Rating (Per Module)	Part#	Price
Single Module (Does NOT Include Load Cell)		
1,000 lb-4,000 lb	53066	\$560.00

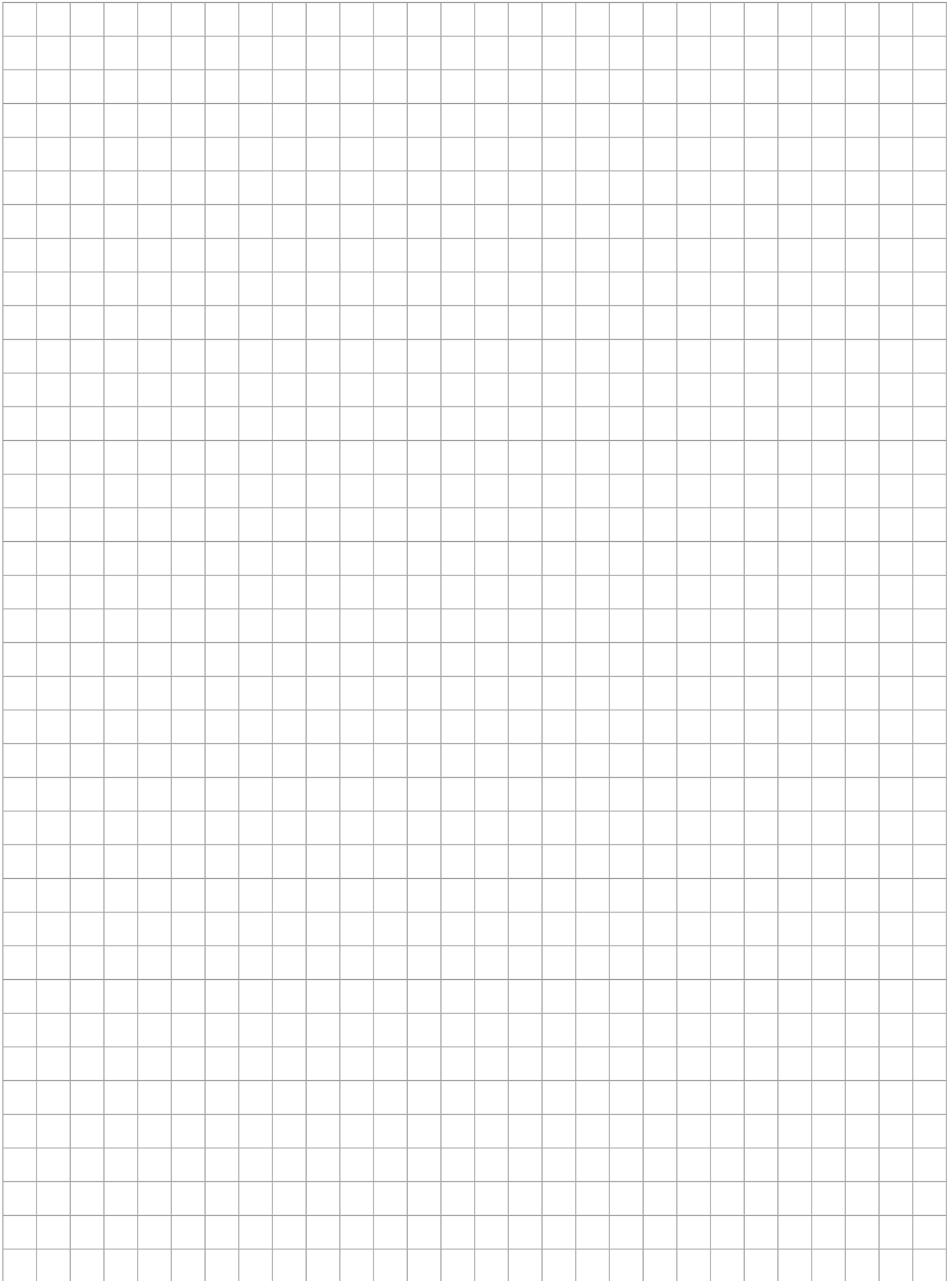
**Standard Features**

- Capacities (per module): 500 lb-5,000 lb SE mild steel/1,000 lb-4,000 lb stainless steel
- Zinc plated, mild steel construction or stainless steel construction
- Self-checking, multi-directional movement
- Design incorporates a ball and cup for self centering
- The RLBTM will accommodate a standard shear beam 500 lb-5,000 lb SE load cell that has a threaded load hole: RL30000, RL39123, RL35023, RL35082, RL35083

**Applications**

- Light- to medium-capacity tanks and hoppers
- Conveyors





**RL1800 Series**

Mild Steel/Stainless Steel Weigh Modules



Available in configurations with three or four mounting assemblies.  
Picture is a representation of actual product

The RL1800 Series mounting assembly kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1800 Series kit is ideally suited for indoor and outdoor process control operations with medium-range capacities. Each module combines multi-directional movement and self-checking capabilities. The RL35023 and RL35023S load cells used are NTEP Certified in capacities of 1,000 lb to 10,000 lb.



Module with RL35023 single-ended beam load cell.

### Standard Features

- Capacities (per module): 250 lb-10,000 lb (113.4 kg-4,535.9 kg)
- NTEP Certified cells in 1,000 lb-10,000 lb (453.6 kg-4,535.9 kg) capacities, except 3,000 lb (1,360.9 kg)
- Zinc plated, mild steel/stainless steel construction
- Center-pivoted, tension loading design
- Self-checking, multi-directional movement
- Load is suspended on high-strength bolt instead of wire rope
- Design incorporates spherical washers for self centering
- Stainless steel kit includes RL35023S NTEP Certified load cell

### Applications

- Conveyors
- Medium-capacity tanks and hoppers

### Complete Kit Includes

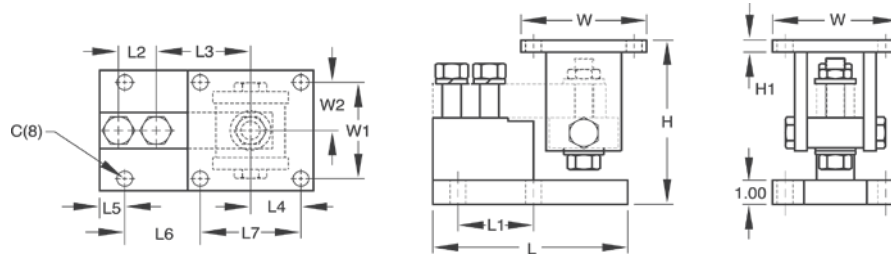
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL1800 mild or stainless steel compression mounts
- Three or four RL35023 single-ended beam load cells, RL35023S used in stainless kits
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

### Load Cell Certifications



Except 250 lb  
and 500 lb





## Dimensions

Rated Capacity	C	H Min/ Max	H1	L	L1	L2	L3	L4	L5	L6	L7	W	W1	W2
<b>Mild Steel Construction</b>														
<b>lb/in</b>														
250-5,000 SE*	0.62	5.25/5.56	0.50	6.00	2.00	1.00	3.00	2.00	0.68	1.94	4.00	5.00	4.00	2.00
5,000 LE**-10,000	0.62	6.12/6.62	0.50	7.75	3.00	1.50	3.75	2.00	1.03	2.97	4.00	5.00	4.00	2.00
<b>kg/mm</b>														
113.4-2,268.0	15.8	133.4/141.2	12.7	152.4	50.8	25.4	76.2	50.8	17.3	49.3	101.6	127.0	101.6	50.8
2,268.0-4,535.9	15.8	155.4/168.1	12.7	196.9	76.2	38.1	95.3	50.8	26.2	75.4	101.6	127.0	101.6	50.8
<b>Stainless Steel Construction</b>														
<b>lb/in</b>														
1,000-4,000	0.62	5.25/5.56	0.50	6.00	2.00	1.00	3.00	2.00	0.68	1.94	4.00	5.00	4.00	2.00
5,000-10,000	0.62	6.12/6.62	0.50	7.75	3.00	1.50	3.75	2.00	1.03	2.97	4.00	5.00	4.00	2.00
<b>kg/mm</b>														
453.6-1,814.4	15.8	133.4/141.2	12.7	152.4	50.8	25.4	76.2	50.8	17.3	49.3	101.6	127.0	101.6	50.8
2,268.0-4,535.9	15.8	155.4/168.1	12.7	196.9	76.2	38.1	95.3	50.8	26.2	75.4	101.6	127.0	101.6	50.8

## Mild Steel Order Information

Load Rating (Per Module)***	Part#	Price	
<b>Single Module (Does NOT Include Load Cell)</b>			
250 lb-5,000 lb SE*	113.4 kg- 2,268.0 kg	<b>17817</b>	\$340.00
5,000 lb LE**- 10,000 lb	2,268.0 kg- 4,535.9 kg	<b>17819</b>	\$365.00
<b>3-Module Kit</b>			
250 lb***	113.4 kg	<b>18075</b>	\$2,055.00
500 lb***	226.8 kg	<b>18076</b>	\$2,055.00
1,000 lb	453.6 kg	<b>18077</b>	\$2,055.00
2,000 lb	907.2 kg	<b>18078</b>	\$2,055.00
2,500 lb	1,134.0 kg	<b>18079</b>	\$2,055.00
3,000 lb	1,360.8 kg	<b>18080</b>	\$2,055.00
4,000 lb	1,814.4 kg	<b>18081</b>	\$2,055.00
5,000 lb SE*	2,268.0 kg	<b>18082</b>	\$2,055.00
5,000 lb LE**	2,268.0 kg	<b>18083</b>	\$2,370.00
10,000 lb	4,535.9 kg	<b>18084</b>	\$2,370.00
<b>4-Module Kit</b>			
250 lb***	113.4 kg	<b>18085</b>	\$2,670.00
500 lb***	226.8 kg	<b>18086</b>	\$2,670.00
1,000 lb	453.6 kg	<b>18087</b>	\$2,670.00
2,000 lb	907.2 kg	<b>18088</b>	\$2,670.00
2,500 lb	1,134.0 kg	<b>18089</b>	\$2,670.00
3,000 lb	1,360.8 kg	<b>18090</b>	\$2,670.00
4,000 lb	1,814.4 kg	<b>18091</b>	\$2,670.00
5,000 lb SE*	2,268.0 kg	<b>18092</b>	\$2,670.00
5,000 lb LE**	2,268.0 kg	<b>18093</b>	\$3,070.00
10,000 lb	4,535.9 kg	<b>18094</b>	\$3,070.00

\* SE refers to small envelope \*\* LE refers to large envelope  
 \*\*\* Non NTEP Certified using RL30000 load cells

## Stainless Steel Order Information

Load Rating (Per Module)****	Part#	Price	
<b>Single Module (Does NOT Include Load Cell)</b>			
250 lb-4,000 lb	113.4 kg- 1,814.4 kg	<b>17818</b>	\$550.00
5,000 lb-10,000 lb	2,268.0 kg- 4,535.9 kg	<b>17820</b>	\$575.00
<b>3-Module Kit</b>			
1,000 lb	453.6 kg	<b>18095</b>	\$2,785.00
2,000 lb	907.2 kg	<b>18096</b>	\$2,785.00
2,500 lb	1,134.0 kg	<b>18097</b>	\$2,785.00
4,000 lb	1,814.4 kg	<b>18099</b>	\$2,785.00
5,000 lb LE**	2,268.0 kg	<b>18100</b>	\$3,015.00
10,000 lb	4,535.9 kg	<b>18101</b>	\$3,015.00
<b>4-Module Kit</b>			
1,000 lb	453.6 kg	<b>18102</b>	\$3,710.00
2,000 lb	907.2 kg	<b>18103</b>	\$3,710.00
2,500 lb	1,134.0 kg	<b>18104</b>	\$3,710.00
4,000 lb	1,814.4 kg	<b>18106</b>	\$3,710.00
5,000 lb LE**	2,268.0 kg	<b>18107</b>	\$4,025.00
10,000 lb	4,535.9 kg	<b>18108</b>	\$4,025.00
<b>Dummy Cell</b>			
Dummy load cell	1 k-5 k SE*	<b>22980</b>	\$47.00

\*\*\*\* Load rating is per module

**RL1855 HE**

Medium-capacity Weigh Modules



Picture is a representation of actual product.

The internal height adjustment feature of the RL1855 HE reduces the need for shims or external hardware, simplifying installation. The standard conduit adapter allows for connection to conduit for cable protection. With standard NTEP Certified, 1:5000 division Class III load cells, the RL1855 HE provides an accurate weighing system when properly installed. Highly versatile, the RL1855 HE offers worry-free operation in a wide variety of applications.

### Standard Features

- All stainless steel construction
- Welded-seal, stainless steel load cells, IP67
- NTEP Certified load cells, 5000 d, Class III multiple cell
- Bolt-in-place design; module bolts directly to tank leg without requiring additional load buttons or mounting plates
- Self-checking design with lift-off/tip-over protection
- Two-year limited warranty

### Applications

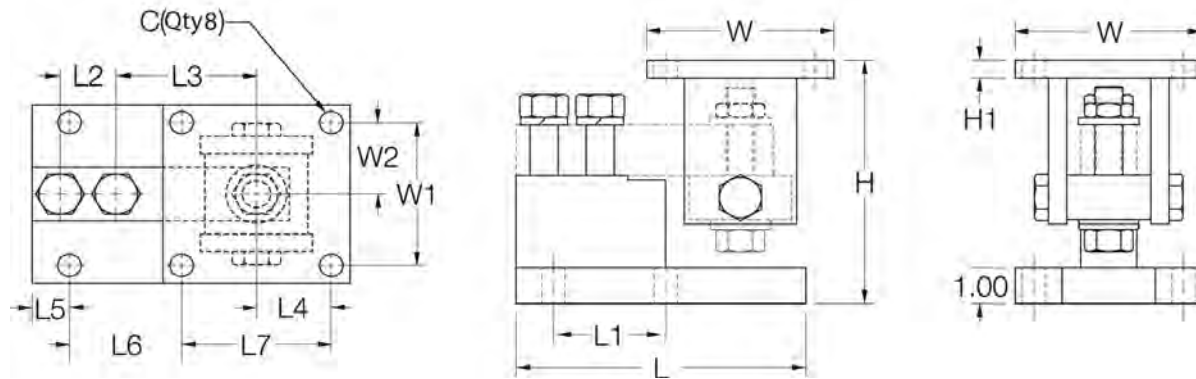
- Medium-capacity hoppers, bins and tanks
- Batching/blending

### Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal-trim junction box
- Three or four 1855HE stainless steel compression mounts
- Three or four RL35082 stainless steel, welded-seal, single-ended beam load cells
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

### Load Cell Certifications





### Dimensions

Rated Capacity	C	H min/max	H1	L	L1	L2	L3	L4	L5	L6	L7	W	W1	W2
<b>lb/in</b>														
1,000-4,000	0.62	5.25/5.56	0.50	6.00	2.00	1.00	3.00	2.00	0.68	1.94	4.00	5.00	4.00	2.00
5,000-10,000	0.62	6.12/6.62	0.50	7.75	3.00	1.50	3.75	2.00	1.03	2.97	4.00	5.00	4.00	2.00
<b>kg/mm</b>														
453.6-1,814.4	15.8	133.4/141.2	12.7	152.4	50.8	25.4	76.2	50.8	17.3	49.3	101.6	127.0	101.6	50.8
2,268.0-4,535.9	15.8	155.4/168.1	12.7	196.9	76.2	38.1	95.3	50.8	26.2	75.4	101.6	127.0	101.6	50.8

### Order Information

Load Rating (Per Module)	Part #	Price
<b>Single Modules (Includes Load Cell)</b>		
1,000 lb	453.6 kg	<b>32975</b>
2,500 lb	1,134.0 kg	<b>32976</b>
4,000 lb	1,814.4 kg	<b>32977</b>
5,000 lb	2,268.0 kg	<b>32978</b>
10,000 lb	4,535.9 kg	<b>32979</b>
<b>3-Module Kit</b>		
1,000 lb	453.6 kg	<b>30390</b>
2,500 lb	1,134.0 kg	<b>30388</b>
4,000 lb	1,814.4 kg	<b>30386</b>
5,000 lb	2,268.0 kg	<b>30384</b>
10,000 lb	4,535.9 kg	<b>30382</b>
<b>4-Module Kit</b>		
1,000 lb	453.6 kg	<b>30389</b>
2,500 lb	1,134.0 kg	<b>30387</b>
4,000 lb	1,814.4 kg	<b>30385</b>
5,000 lb	2,268.0 kg	<b>30383</b>
10,000 lb	4,535.9 kg	<b>30381</b>

**RL1900 Series**

Stainless Steel Weigh Modules



Available in configurations with three or four mounting assemblies.  
Picture is a representation of actual product

The RL1900 Series weigh module kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1900 kit is ideally suited for tank, hopper and bin weighing operations with medium-range capacities. Each module combines multi-directional movement and self-checking capabilities. The welded-seal, stainless steel RLSSB load cell withstands washdown environments that may present problems to other cells.



Module with welded-seal RLSSB single-ended beam load cell.

**Standard Features**

- NTEP Certified load cells, 1:5000 d, Class III single cell
- Capacities (per module): 1,000 lb-10,000 lb (453.6 kg-4,535.9 kg)
- 304 stainless steel construction
- Center-pivoted, tension loading design
- Welded-seal, stainless steel load cells, IP67
- Self-checking, multi-directional movement
- Easy load cell replacement
- Load is suspended on high-strength bolt instead of wire rope
- Design incorporates spherical washers

**Applications**

- Medium-capacity tanks, bins and hoppers
- Washdown applications

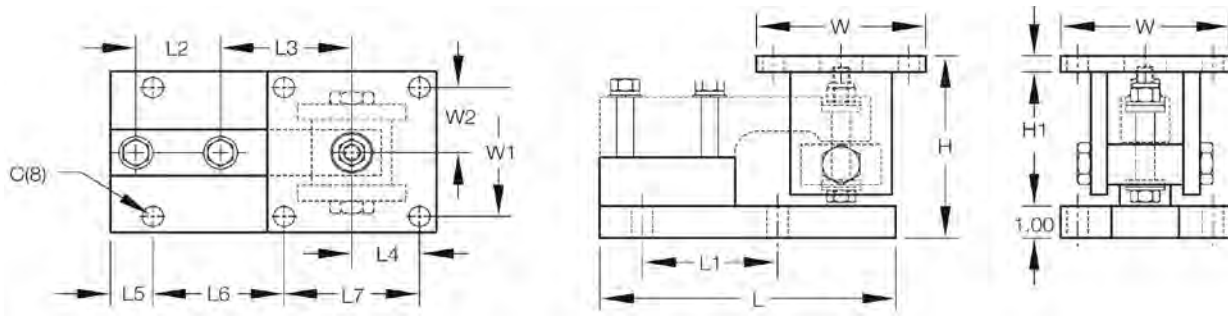
**Optional Features**

- Also compatible with RTI SSB load cells

**Complete Kit Includes**

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL1900 stainless steel compression mounts
- Three or four RLSSB welded, stainless steel, single-ended beam load cells
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

**Load Cell Certifications**



### Dimensions

Rated Capacity	C	H Min/Max	H1	L	L1	L2	L3	L4	L5	L6	L7	W	W1	W2	
<b>lb/in</b>															
1,000-5,000	0.62	5.38/5.62	0.50	8.75	4.00	2.50	3.88	2.00	1.12	4.00	4.00	5.00	4.00	2.00	
10,000	0.81	6.88/7.50	1.00	9.75	5.00	2.63	4.88	2.25	1.00	5.00	4.50	6.00	4.50	2.25	
<b>kg/mm</b>															
453.6-2,268.0	15.8	136.7/142.9	12.7	222.3	101.6	63.5	98.6	50.8	28.4	101.6	101.6	127.0	101.6	50.8	
4,535.9	20.6	174.8/190.5	25.4	247.7	127.0	66.8	124.0	57.2	25.4	127.0	114.3	152.4	114.3	57.2	

### Order Information

Load Rating (Per Module)	Part#	Price	
<b>Single Module (Does NOT Include Load Cell)</b>			
1,000 lb-5,000 lb	453.6 kg-2,268.0 kg	<b>17841</b>	\$600.00
10,000 lb	4,535.9 kg	<b>17843</b>	\$655.00
<b>3-Module Kit</b>			
1,000 lb	453.6 kg	<b>18109</b>	\$3,760.00
2,000 lb	907.2 kg	<b>18110</b>	\$3,760.00
5,000 lb	2,268.0 kg	<b>18111</b>	\$3,760.00
10,000 lb	4,535.9 kg	<b>18112</b>	\$4,190.00
<b>4-Module Kit</b>			
1,000 lb	453.6 kg	<b>18113</b>	\$5,010.00
2,000 lb	907.2 kg	<b>18114</b>	\$5,010.00
5,000 lb	2,268.0 kg	<b>18115</b>	\$5,010.00
10,000 lb	4,535.9 kg	<b>18116</b>	\$5,550.00

## WEIGH MODULES

**RLTM**

## Stainless Steel Tank Weigh Modules



Picture is a representation of actual product.

The RLTM weigh module assembly features a stainless steel, welded-seal RL30745 NTEP Certified load cell and a fully stainless mount including all associated hardware. Using a rocker pin-loading concept, this design provides accurate weighing in most conditions. Standard features include both overload and overlift protection, making it ideal for most outdoor, low-capacity tank and vessel weighing applications. Each Rice Lake RLTM module is provided standard with one load cell with 30 feet of cable and one mount.

### Load Cell Specifications

**Full scale Output:**

2.0 ( $\pm$  - 0.2) mV/V

**Bridge Resistance:**

350 ohms

**Material/Finish:**

Stainless steel

**Temperature:**

Compensated range 15°F to 104°F (-97°C to 40°C)

**Safe Overload:**

150% full scale

**Safe Sideload:**

100% full scale

**Rated Excitation:**

15VDC

**Combined Error:**

0.03% full scale

**Insulation Resistance:**

5,000 megohms

**Seal Type:**

Welded seal, IP67

**Cable Length:**

30 ft (9.1 m)

**Cable Color Code:**

Green .....+ Excitation  
 Black .....- Excitation  
 White .....+ Signal  
 Red .....- Signal

**Warranty:**

Two-year limited warranty

### Standard Features

- Capacities: 500 lb-10,000 lb (226.8 kg-4536.0 kg)
- Stainless steel
- Overload and overlift protection
- Rocker pin loading
- Welded-seal load cells
- Integral lateral stops
- 30 ft cable on load cells

### Applications

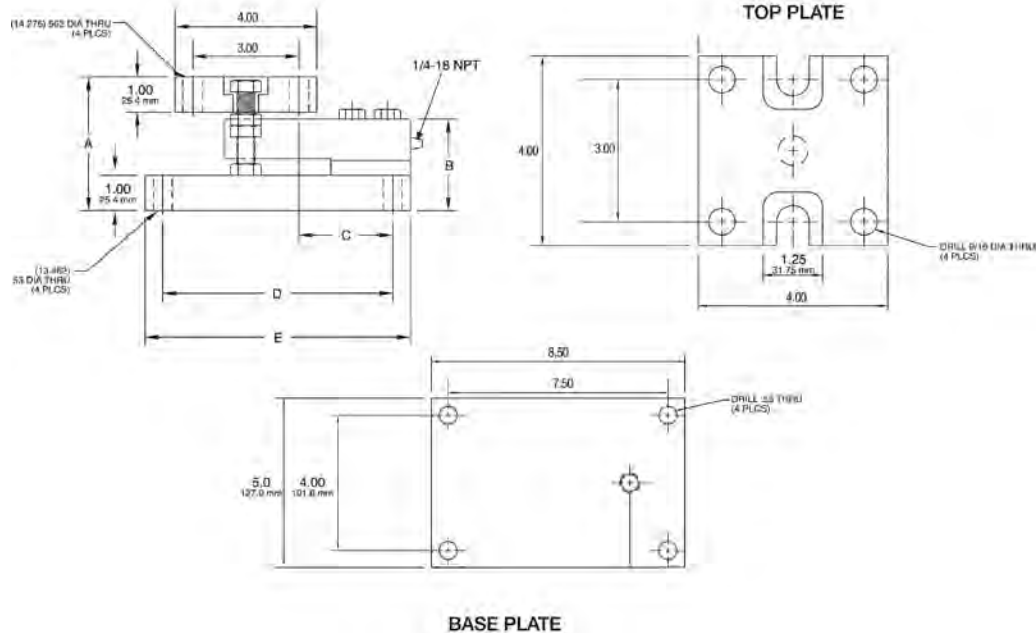
- Lower capacity tank and vessel weighing
- Process control and batching

### Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four Rice Lake RLTM stainless steel mounting assemblies
- Three or four RL30745 stainless steel load cells
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

### Load Cell Certifications





## Dimensions

Rated Capacity	A	B	C	D	E
<b>lb/in</b>					
500-2,500	3.77	2.59	2.62	6.50	7.50
5,000	3.99	2.83	2.62	6.50	7.50
10,000	4.27	3.08	3.88	7.50	8.50
<b>kg/mm</b>					
226.8-1,134.0	95.7	65.7	66.5	165.1	190.5
2,268.0	101.3	71.8	66.5	165.1	190.5
4,536.0	108.4	78.2	98.5	190.5	215.9

## Order Information

Load Rating (Per Module)	Part #	Price
500 lb / 226.8 kg	<b>159288</b>	\$950.00
1,250 lb / 567.0 kg	<b>159289</b>	\$950.00
2,500 lb / 1,134.0 kg	<b>159290</b>	\$950.00
5,000 lb / 2,268.0 kg	<b>159291</b>	\$1,150.00
10,000 lb / 4,536.0 kg	<b>159292</b>	\$1,150.00
<b>3-Module Kit</b>		
500 lb / 226.8 kg	<b>162942</b>	\$2,960.00
1,250 lb / 567.0 kg	<b>162944</b>	\$2,960.00
2,500 lb / 1,134.0 kg	<b>162945</b>	\$2,960.00
5,000 lb / 2,268.0 kg	<b>162946</b>	\$3,660.00
10,000 lb / 4,536.0 kg	<b>162947</b>	\$3,660.00
<b>4-Module Kit</b>		
500 lb / 226.8 kg	<b>162948</b>	\$3,910.00
1250 lb / 567.0 kg	<b>162949</b>	\$3,910.00
2500 lb / 1,134.0 kg	<b>162950</b>	\$3,910.00
5000 lb / 2,268.0 kg	<b>162951</b>	\$4,710.00
10,000 lb / 4,536.0 kg	<b>162953</b>	\$4,710.00

## WEIGH MODULES

**RL9000TWM Series**

Tank, Hopper and Vessel Weighing Assembly



Picture is a representation of actual product.

The RL9000TWM Series stainless steel weigh module is ideal for use in tank, hopper, vessel and many other applications. The low-profile design offers an economical solution in a competitive marketplace. This rugged, high-precision mount is designed for easy installation and does not require check rods or other stabilizing hardware. The stainless steel construction and welded-seal offer additional protection in washdown areas.

### Load Cell Specifications

**Full Scale Output:**

3 ( $\pm$  0.1%) mV/V

**Bridge Resistance:**

350 ohms

**Material/Finish:**

Stainless steel

**Safe Overload:**

150% full scale

**Rated Excitation:**

5-10VDC

**Operating Temperature:**

0° F to 150° F

**Insulation Resistance:**

5,000 megohms

**Non-linearity:**

1 k-100 k 0.05% FS  
150 k-450 k 0.1% FS

**Non-repeatability:**

1 k-100 k 0.02% FS  
150 k-450 k 0.03% FS

**Seal Type:**

Welded seal IP67

**Cable Length:**

25 ft

**Cable Color Code:**

Green .....+ Excitation  
Black.....- Excitation  
White .....+ Signal  
Red .....- Signal

**Warranty:**

Two-year limited warranty



Assembly with integral  
RL9000TWM compression disk load cell.

### Standard Features

- Capacities: 1,000 lb-450,000 lb
- Very low profile design
- 3mV/V output
- Self-centering
- Self-checking assembly
- Offers 100% sideload, 100% uplift and 150% static safe load and 300% ultimate static overload protection
- Stainless steel construction
- Welded seal
- Weighs accurately with as much as a 3° non-parallel load
- Includes 25 ft load cell cable

### Applications

- Tank, hopper or vessel weighing

### Optional Features

- Stainless steel top plates (150,000 lb-450,000 lb have mild steel painted base plate)

### Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four stainless steel mounting assemblies
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

### Load Cell Certifications





**RL9000TWM Series**

Tank, Hopper and Vessel Weighing Assembly

**Order Information**

Load Rating (Per Module)	Part #	Price
<b>Single Module</b>		
1,000 lb	84353	\$650.00
2,500 lb	84354	\$650.00
5,000 lb	84355	\$650.00
10,000 lb	84356	\$650.00
15,000 lb	84357	\$650.00
20,000 lb	84358	\$1,265.00
25,000 lb	84359	\$1,265.00
35,000 lb	84360	\$1,265.00
50,000 lb	84361	\$1,265.00
60,000 lb	84362	\$2,165.00
75,000 lb	84363	\$2,165.00
100,000 lb	84364	\$2,165.00
150,000 lb	84365	\$4,485.00
200,000 lb	84366	\$4,485.00
250,000 lb	84368	\$6,615.00
300,000 lb	84369	\$6,615.00
400,000 lb	84370	\$6,615.00
450,000 lb	84371	\$6,615.00
<b>3-Module Kit</b>		
1,000 lb	98974	\$2,175.00
2,500 lb	98980	\$2,175.00
5,000 lb	98981	\$2,175.00
10,000 lb	98982	\$2,175.00
15,000 lb	98983	\$2,175.00
20,000 lb	98984	\$4,020.00
25,000 lb	98985	\$4,020.00
35,000 lb	98986	\$4,020.00
50,000 lb	98987	\$4,020.00
60,000 lb	98988	\$6,660.00
75,000 lb	98989	\$6,660.00
100,000 lb	98990	\$6,660.00
150,000 lb	98991	\$13,590.00
200,000 lb	98992	\$13,590.00
250,000 lb	98993	\$20,010.00
300,000 lb	98994	\$20,010.00
400,000 lb	98995	\$20,010.00
450,000 lb	98996	\$20,010.00
<b>4-Module Kit</b>		
1,000 lb	98997	\$2,730.00
2,500 lb	98998	\$2,730.00
5,000 lb	98999	\$2,730.00
10,000 lb	99000	\$2,730.00
15,000 lb	99001	\$2,730.00
20,000 lb	99002	\$5,190.00
25,000 lb	99003	\$5,190.00
35,000 lb	99004	\$5,190.00
50,000 lb	99005	\$5,190.00
60,000 lb	99006	\$8,750.00
75,000 lb	99007	\$8,750.00
100,000 lb	99008	\$8,750.00
150,000 lb	99009	\$17,975.00
200,000 lb	99010	\$17,975.00
250,000 lb	99011	\$26,510.00
300,000 lb	99012	\$26,510.00
400,000 lb	99013	\$26,510.00
450,000 lb	99014	\$26,510.00

150,000 lb-450,000 lb have mild steel painted base plates

Load Rating (Per Module)	Part #	Price
<b>Top Plates (Stainless Steel) with bolts</b>		
1,000 lb-15,000 lb	91207	\$150.00
20,000 lb-50,000 lb	91210	\$325.00
60,000 lb-100,000 lb	91211	\$695.00
150,000 lb-200,000 lb	91213	\$895.00
250,000 lb-450,000 lb	91215	\$1,695.00
<b>Top Plates (Mild Steel) with bolts</b>		
1,000 lb-15,000 lb	124758	\$75.00
20,000 lb-50,000 lb	125141	\$145.00
60,000 lb-100,000 lb	124759	\$195.00
150,000 lb-200,000 lb	124760	\$325.00
250,000 lb-450,000 lb	124761	\$425.00
<b>Dummy Weigh Modules (non-functioning)</b>		
1,000 lb-10,000 lb	158749	\$95.00
15,000 lb	158750	\$125.00
20,000 lb-50,000 lb	158752	\$135.00
60,000 lb-100,000 lb	158753	\$150.00
150,000 lb-200,000 lb	158754	\$395.00
250,000 lb-450,000 lb	158755	\$425.00

150,000 lb-450,000 lb have mild steel painted base plates

**Shims\* - Order Information**

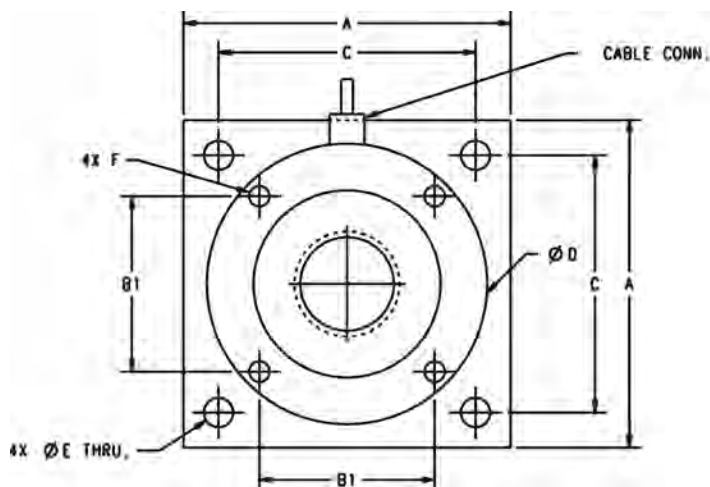
Capacity	Thickness	Material	Part #	Price
<b>Shims</b>				
1,000 lb-15,000 lb	0.0625	SST	167001	\$2.25
1,000 lb-15,000 lb	0.125	SST	167002	\$3.50
1,000 lb-15,000 lb	0.250	SST	167003	\$6.15
1,000 lb-15,000 lb	0.0625	MS	167004	\$10.50
1,000 lb-15,000 lb	0.125	MS	167005	\$18.00
1,000 lb-15,000 lb	0.250	MS	167006	\$24.00
20,000 lb-50,000 lb	0.0625	SST	167008	\$4.10
20,000 lb-50,000 lb	0.125	SST	167009	\$6.05
20,000 lb-50,000 lb	0.250	SST	167010	\$13.25
20,000 lb-50,000 lb	0.0625	MS	167011	\$2.65
20,000 lb-50,000 lb	0.125	MS	167012	\$2.35
20,000 lb-50,000 lb	0.250	MS	167013	\$3.50
60,000 lb-100,000 lb	0.0625	SST	167014	\$4.75
60,000 lb-100,000 lb	0.125	SST	167015	\$16.15
60,000 lb-100,000 lb	0.250	SST	167016	\$26.25
150,000 lb-200,000 lb	0.0625	SST	167020	\$9.25
150,000 lb-200,000 lb	0.125	SST	167021	\$14.95
150,000 lb-200,000 lb	0.250	SST	167022	\$35.75
250,000 lb-450,000 lb	0.0625	SST	167026	\$15.75
250,000 lb-450,000 lb	0.125	SST	167027	\$19.75
250,000 lb-450,000 lb	0.250	SST	167028	\$45.00

SST Stainless steel MS Mild steel

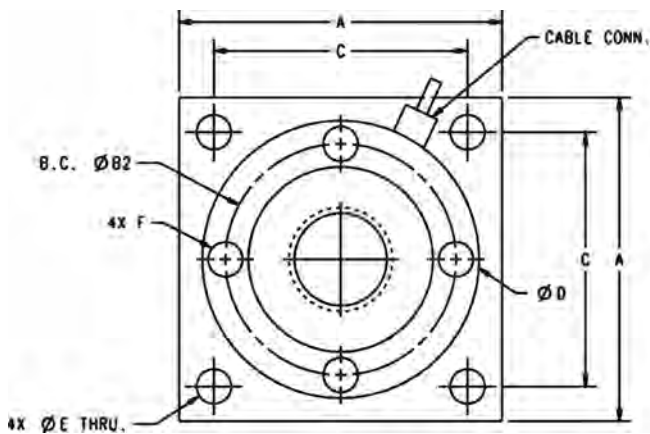
\*Shims match dimensions of base plate and optional top plate

**RL9000TWM Series**

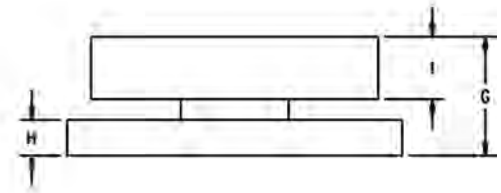
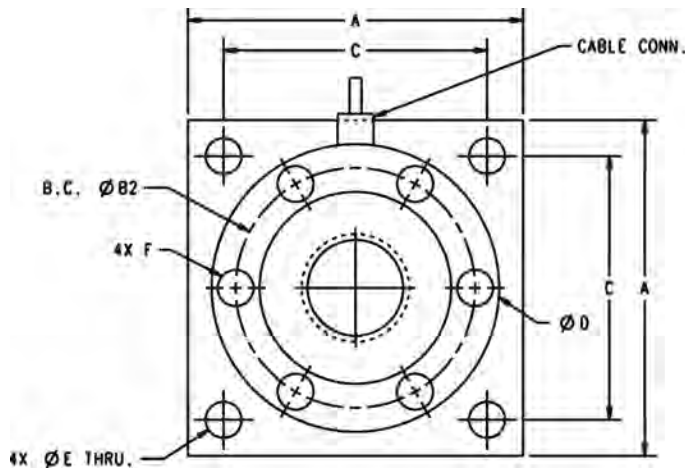
Tank, Hopper and Vessel Weighing Assembly

**Dimensions (inches)**

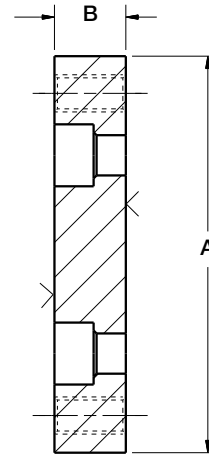
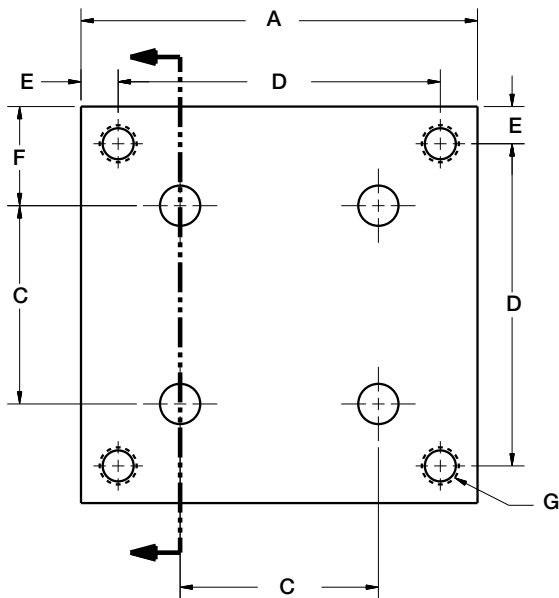
Rated Capacity	A	B1	C	D	E	F	G	H	I	Conduit Adapter
lb/in										
1,000-10,000	4.00	2.00	3.25	3.50	0.40	3/8-16 UNC	1.35	0.375	0.75	N/A
15,000	4.00	2.00	3.25	3.50	0.40	3/8-16 UNC	1.60	0.625	0.75	N/A
20,000-50,000	7.00	3.75	5.50	6.00	0.63	1/2-13 UNC	2.48	0.75	1.30	1/2-14 NPT
60,000-100,000	8.00	4.25	6.50	7.00	0.81	3/4-16 UNC	2.50	1.00	1.30	1/2-14 NPT

**Dimensions (inches)**

Rated Capacity	A	B2	C	D	E	F	G	H	I	Conduit Adapter
lb/in										
150,000-200,000	10.0	7.825	8.00	9.00	1.10	1-14 UNF	4.75	2.00	1.70	1/2-14 NPT

**Dimensions**

Rated Capacity	A	B2	C	D	E	F	G	H	I	Conduit Adapter
lb/in										
250,000-450,000	11.00	7.75	9.00	9.00	1.30	7/8-14 UNF	6.42	3.00	2.25	1/2-14 NPT

**Optional Top Plates****Dimensions**

Rated Capacity	A	B	C	D	E	F	G
lb/in							
1,000-15,000	4.00	0.72	2.00	3.25	0.38	1.00	3/8-16 UNC
20,000-50,000	7.00	0.97	3.75	5.50	0.75	1.62	5/8-11 UNC
60,000-100,000	8.00	1.46	4.25	6.50	0.75	1.88	3/4-16 UNF
150,000-200,000	10.00	1.94	5.53	8.00	1.00	2.25	1-14 UNS
250,000-450,000	11.00	2.94	7.75 B.C.	9.00	1.00	1.00	1-1/4-12 UNF

## WEIGH MODULES

**RL9000TWM-HT**

Tank, Hopper and Vessel Weigh Module



Picture is a representation of actual product.

The RL9000TWM-HT is the latest addition to the popular RL9000TWM Series weigh module. The RL9000TWM-HT is a high temperature version that is designed to operate in temperatures up to 400°F.

The integral 25 ft of FEP cable complements the RL9000TWM-HT weigh module.

### Load Cell Specifications

**Full Scale Output:**

3 (± 0.1%) mV/V

**Bridge Resistance:**

700 ohms

**Material/Finish:**

Stainless steel

**Safe Overload:**

150% full scale

**Rated Excitation:**

5-10VDC

**Operating Temperature:**

0° F to 400° F

**Insulation Resistance:**

5,000 megohms

**Non-linearity:**

0.05% FS

**Non-repeatability:**

0.02% FS

**Seal Type:**

Welded seal IP67

**Cable Length:**

25 ft FEP jacket

**Cable Color Code:**

Green .....+ Excitation  
 Black.....- Excitation  
 White .....+ Signal  
 Red .....- Signal

**Warranty:**

Two-year limited warranty

### Standard Features

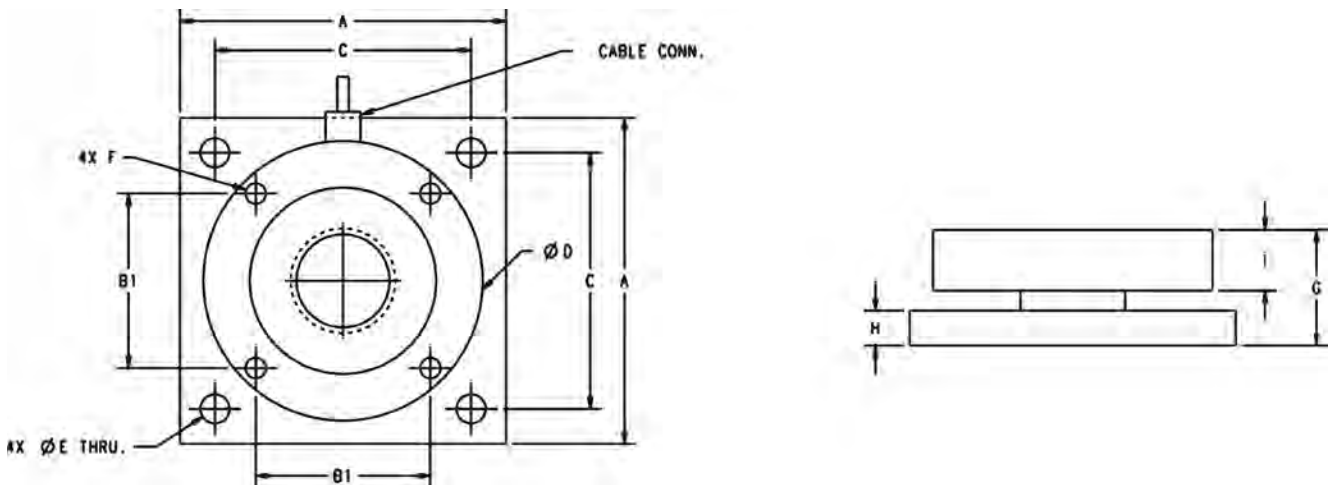
- Capacities: 1,000 lb-50,000 lb
- Very low profile design
- 3mV/V output
- Self-centering
- Self-checking assembly
- Offers 100% side load, 100% uplift, 150% safe load and 300% ultimate overload protection
- Stainless steel construction
- Welded seal
- Weighs accurately with as much as a 3° on-parallel load
- Complete with 25 ft FEP cable

### Optional Features

- Stainless steel top plates
- Higher capacities available upon request

### Applications

- Tank, hopper, or vessel weighing
- High temperature applications



## Dimensions

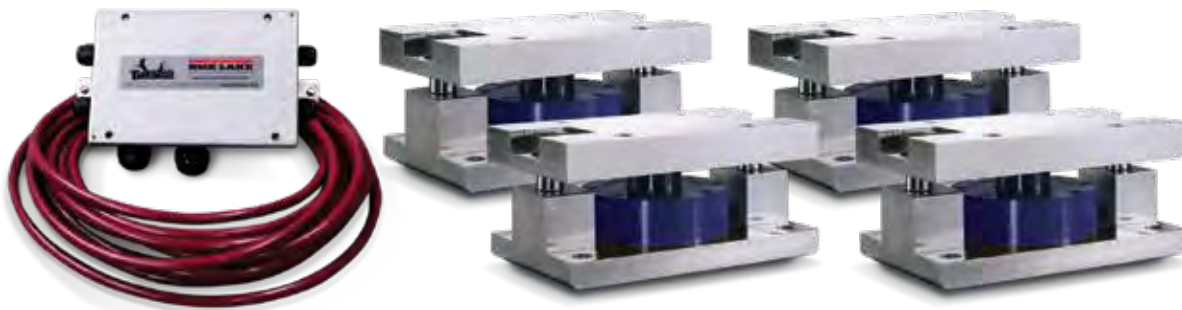
Rated Capacity	A	B1	C	D	E	F	G	h	i	Conduit Adapter
lb/in										
1,000-10,000	4.00	2.00	3.25	3.50	0.40	3/8-16 UNC	1.35	0.375	0.75	—
15,000	4.00	2.00	3.25	3.50	0.40	3/8-16 UNC	1.60	0.625	0.75	—
20,000-50,000	7.00	3.75	5.50	6.00	0.63	1/2-13 UNC	2.48	0.750	1.30	1/2-14NPT

## Order Information

Load Rating (per module)	Part#	Price
<b>Single Module</b>		
1,000 lb	117050	\$1,045.00
2,500 lb	117051	\$1,045.00
5,000 lb	117052	\$1,045.00
10,000 lb	117140	\$1,045.00
15,000 lb	117053	\$1,045.00
20,000 lb	117054	\$1,755.00
25,000 lb	117055	\$1,755.00
35,000 lb	117056	\$1,755.00
50,000 lb	117057	\$1,755.00
<b>Top Plates (Stainless Steel) with bolts</b>		
1,000 lb-15,000 lb	91207	\$150.00
20,000 lb-50,000 lb	91210	\$325.00
<b>Top Plates (Mild Steel) with bolts</b>		
1,000 lb-15,000 lb	124758	\$75.00
20,000 lb-50,000 lb	125141	\$145.00

**RL2200 Series**

Tank, Hopper and Vessel Weighing Assembly



Available in configurations with three or four mounting assemblies.  
Picture is a representation of actual product

The RL2200 Series mounts are ideal for use in tank, hopper, vessel and many other applications. The low-profile design allows for economical solutions in a competitive marketplace. This rugged, high-precision mount is designed for easy installation and does not require check rods or other stabilizing hardware. The RL2200 mount has the added feature of self centering, allowing for side loads without sacrificing performance.

**Load Cell Specifications****Full Scale Output:**

4.0 mV/V, 2.0 mV/V (2,500 lb)

**Bridge Resistance:**

350 ohms nominal

**Material/Finish:**

High-alloy steel, painted

**Safe Overload:**

150% full scale

**Rated Excitation:**

5-10 VDC (20 V maximum)

**Nonlinearity:**

0.05% full scale

**Hysteresis:**

0.03% full scale

**Temperature:**

Compensated range: 15° F to 115° F (-9° C to 46° C)

**Insulation Resistance:**

5,000 megohms

**Seal Type:**

Environmentally sealed

**Cable Length\*:**

30 ft (9.1 m)

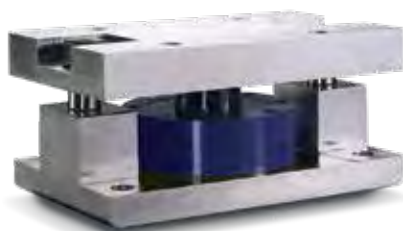
**Cable Color Code:**

Red .....+ Excitation  
 Black.....- Excitation  
 White .....+ Signal  
 Green.....- Signal

**Warranty:**

Two-year limited warranty

\*Compression load application



Assembly with integral RL2200 compression disk load cell.

**Standard Features**

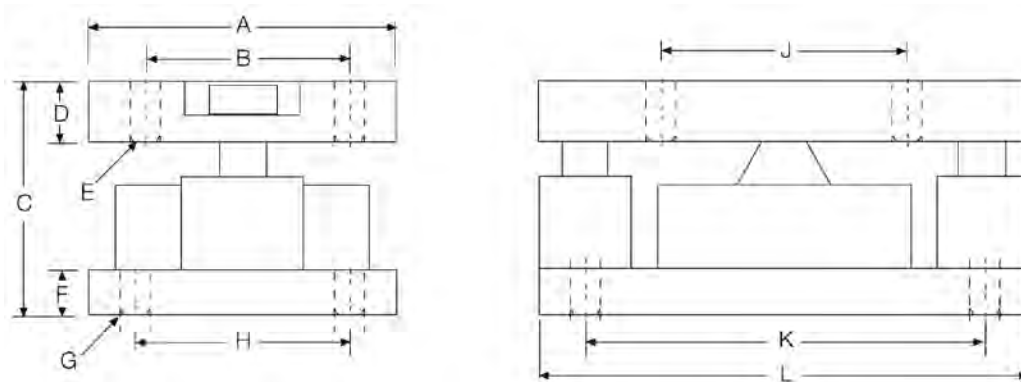
- Capacities: 2,500 lb-50,000 lb (1,134 kg-22,680 kg)
- Low-profile design
- High 4 mV/V output (2 mV/V, 2,500 lb)
- Self-centering in all directions—able to withstand excessive side loads
- Self-checking assembly

**Applications**

- Tank, hopper or vessel weighing
- Belt or roller conveyors
- Scale platforms and screw feeders

**Complete Kit Includes**

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL2200 high-alloy, zinc-plated steel mounting assemblies
- Three or four RL2200 compression disk load cells
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable



## Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	J	K	L
<b>lb/in</b>											
2,500-10,000	5.00	3.50	4.00	1.00	0.52	1.0	0.52	3.50	4.00	6.50	8.00
25,000-50,000	6.00	4.50	5.00	1.25	0.78	1.0	0.78	4.50	5.00	7.75	10.0
<b>kg/mm</b>											
1,134.0-4,536.0	127.0	88.9	101.6	25.4	13.2	19.0	13.2	88.9	101.6	165.1	203.2
11,340.0-22,679.6	152.4	114.3	127.0	31.7	19.8	25.4	19.8	114.3	127.0	196.8	254.0

## Order Information

Load Rating (Per Module)	Part #	Price	
<b>Single Module</b>			
2,500 lb	1,134 kg	<b>76656</b>	\$1,680.00
5,000 lb	2,268 kg	<b>45849</b>	\$1,680.00
10,000 lb	4,536 kg	<b>45848</b>	\$1,680.00
25,000 lb	11,340 kg	<b>45847</b>	\$2,260.00
50,000 lb	22,680 kg	<b>45846</b>	\$2,260.00
<b>3-Module Kit</b>			
2,500 lb	1,134 kg	<b>76897</b>	\$5,030.00
5,000 lb	2,268 kg	<b>42811</b>	\$5,030.00
10,000 lb	4,536 kg	<b>42812</b>	\$5,030.00
25,000 lb	11,340 kg	<b>42813</b>	\$6,485.00
50,000 lb	22,680 kg	<b>42814</b>	\$6,485.00
<b>4-Module Kit</b>			
2,500 lb	1,134 kg	<b>76898</b>	\$6,645.00
5,000 lb	2,268 kg	<b>42815</b>	\$6,645.00
10,000 lb	4,536 kg	<b>42816</b>	\$6,645.00
25,000 lb	11,340 kg	<b>42817</b>	\$7,695.00
50,000 lb	22,680 kg	<b>42818</b>	\$7,695.00

## Replacement Load Cell Order Information

Load Rating (Per Module)	Part #	Price	
2,500 lb	1,134 kg	<b>76654</b>	\$1,250.00
5,000 lb	2,268 kg	<b>45708</b>	\$1,250.00
10,000 lb	4,536 kg	<b>45709</b>	\$1,250.00
25,000 lb	11,340 kg	<b>45710</b>	\$1,575.00
50,000 lb	22,680 kg	<b>45711</b>	\$1,575.00

## WEIGH MODULES

**RL2200 SS Series**

Stainless Steel, Tank, Hopper and Vessel Weighing Assembly



Available in configurations with three or four mounting assemblies.  
Picture is a representation of actual product.

The RL2200 SS Series mounts are ideal for use in tank, hopper, vessel and many other applications. The low-profile design allows for economical solutions in a competitive marketplace. This rugged, high-precision mount is designed for easy installation and does not require check rods or other stabilizing hardware. The RL2200 SS mount has the added feature of self centering, allowing for side loads without sacrificing performance.

### Load Cell Specifications

**Full Scale Output:**

4.0 mV/V, 2.0 mV/V (2,500 lb)

**Bridge Resistance:**

350 ohms nominal

**Material/Finish:**

Stainless steel

**Safe Overload:**

150% full scale

**Rated Excitation:**

5-10 VDC (20 V maximum)

**Nonlinearity:**

0.05% full scale

**Hysteresis:**

0.03% full scale

**Temperature:**

Compensated range: 15° F to 115° F (9° C to 46° C)

**Insulation Resistance:**

5,000 megohms

**Seal Type:**

Hermetically sealed, IP66/68

**Cable Length\*:**

30 ft (9.1 m)

**Cable Color Code:**

Red .....+ Excitation  
 Black.....- Excitation  
 White .....+ Signal  
 Green.....- Signal

**Warranty:**

Two-year limited warranty

\*Compression load application



Assembly with integral RL2200 SS compression disk load cell.

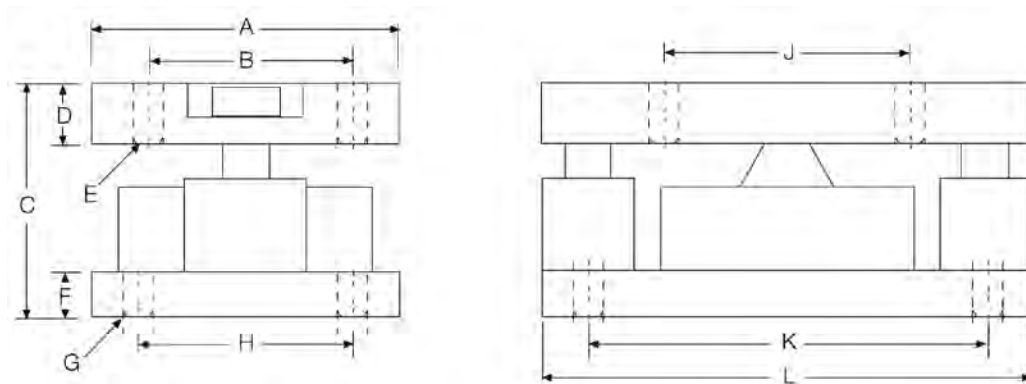
### Applications

- Tank, hopper or vessel weighing
- Belt or roller conveyors
- Scale platforms and screw feeders

### Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL2200 stainless steel mounting assemblies
- Three or four RL2200 SS stainless steel, hermetically sealed, compression disk load cells
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable



**Dimensions**

Rated Capacity	A	B	C	D	E	F	G	H	J	K	L
<b>lb/in</b>											
2,500-10,000	5.00	3.50	4.00	1.00	0.52	1.00	0.52	3.50	4.00	6.50	8.00
25,000-50,000	6.00	4.50	5.00	1.25	0.78	1.00	0.78	4.50	5.00	7.75	10.00
<b>kg/mm</b>											
1,134.0-4,536.0	127.0	88.9	101.6	25.4	13.2	19.0	13.2	88.9	101.6	165.1	203.2
11,340.0-22,679.6	152.4	114.3	127.0	31.7	19.8	25.4	19.8	114.3	127.0	196.8	254.0

**Order Information**

Load Rating (Per Module)	Part #	Price	
<b>Single Module</b>			
2,500 lb	1,134 kg	<b>76657</b>	\$2,435.00
5,000 lb	2,268 kg	<b>45845</b>	\$2,435.00
10,000 lb	4,536 kg	<b>45844</b>	\$2,435.00
25,000 lb	11,340 kg	<b>45843</b>	\$4,115.00
50,000 lb	22,680 kg	<b>45842</b>	\$4,115.00
<b>3-Module Kit</b>			
2,500 lb	1,134 kg	<b>76899</b>	\$6,915.00
5,000 lb	2,268 kg	<b>46478</b>	\$6,915.00
10,000 lb	4,536 kg	<b>46479</b>	\$6,915.00
25,000 lb	11,340 kg	<b>46480</b>	\$12,050.00
50,000 lb	22,680 kg	<b>46481</b>	\$12,050.00
<b>4-Module Kit</b>			
2,500 lb	1,134 kg	<b>76900</b>	\$9,145.00
5,000 lb	2,268 kg	<b>46482</b>	\$9,145.00
10,000 lb	4,536 kg	<b>46483</b>	\$9,145.00
25,000 lb	11,340 kg	<b>46484</b>	\$15,715.00
50,000 lb	22,680 kg	<b>46485</b>	\$15,715.00

**Replacement Load Cell Order Information**

Load Rating (Per Module)	Part #	Price	
2,500 lb	1,134 kg	<b>76655</b>	\$1,475.00
5,000 lb	2,268 kg	<b>45712</b>	\$1,475.00
10,000 lb	4,536 kg	<b>45713</b>	\$1,475.00
25,000 lb	11,340 kg	<b>45714</b>	\$2,420.00
50,000 lb	22,680 kg	<b>45715</b>	\$2,420.00

**RLC**

Stainless Steel Weigh Modules, VPG Revere



Available in configurations with three or four mounting assemblies.  
Picture is a representation of actual product.

The RLC self-aligning silo mount, together with the RLC load cell family, are an ideal solution for process control, batch weighing, silo/hopper and belt scale applications. The RLC mount incorporates a removable rocker pin design that uses hardened stainless steel components on all load-bearing surfaces. The fully stainless steel construction guarantees long-term reliability.



Module with hermetically sealed RLC compression canister load cell.

### Standard Features

---

- Capacities (per module): 0.5t-5t (1,102.3lb-11,023.1 lb)
- Matched output load cells eliminate trimming
- 304 stainless steel construction
- Rocker pin design allows movement in all directions
- Hermetically sealed, IP66/68 stainless steel load cells
- Easy load cell replacement
- Integral jacking/shipping bolts

### Applications

---

- Medium-capacity tanks, bins and hoppers
- Washdown applications
- Process control and batch weighing

### Complete Kit Includes

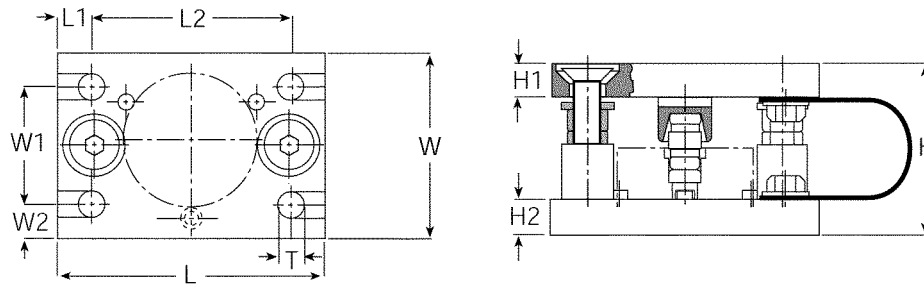
---

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RLC stainless steel compression mounts
- Three or four RLC stainless steel hermetically sealed compression disk load cells
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

### Load Cell Certifications

---





## Dimensions

Rated Capacity	H	H1	H2	L	L1	L2	T	W	W1	W2
ton/mm										
0.5-1	80.00	20.00	15.00	150.00	15.00	120.00	14 (top plate)	100.00	70.00	15.00
2-5	100.00	20.00	20.00	160.00	20.00	120.00	13.8 (bottom plate)	110.00	70.00	20.00
lb/in										
1,102.3-2,204.6	2.96	0.79	0.59	5.91	0.59	4.72	0.55 (top plate)	3.94	2.76	0.59
4,409.2-11,023.1	3.94	0.79	0.79	6.30	0.79	4.72	0.54 (bottom plate)	4.33	2.76	0.79

## Order Information

Load Rating (Per Module)	Part #	Price
<b>Single Module (Includes Load Cell)</b>		
0.5t	36401	\$1,130.00
1t	36402	\$1,130.00
2t	36403	\$1,305.00
3.5t	36404	\$1,305.00
5t	36405	\$1,305.00
<b>3-Module Kit</b>		
0.5t	36406	\$3,665.00
1t	36407	\$3,665.00
2t	36408	\$3,835.00
3.5t	36409	\$3,835.00
5t	36410	\$3,835.00
<b>4-Module Kit</b>		
0.5t	36411	\$4,795.00
1t	36412	\$4,795.00
2t	36413	\$5,115.00
3.5t	36414	\$5,115.00
5t	36415	\$5,115.00

## Replacement Rocker Pin Set\*

Load Rating (Per Module)	Part #	Price
250 kg-1 t	170875	\$115.00
2t-5t	170876	\$115.00
10t	170877	\$115.00

\*Kit includes upper cup, rocker pin and grease

## 220 Universal Mount

Stainless Steel Weigh Modules, VPG Tedeo-Huntleigh



Available in configurations with three or four mounting assemblies.  
Picture is a representation of actual product

The 220 Universal Mount is designed to be used with the VPG Tedeo-Huntleigh Model 220 load cell. The mount incorporates built-in jacking bolts to prevent damage to the load cell during installation. Its stainless steel construction is designed to be used in washdown applications.

### Load Cell Specifications

**Full scale Output:**

2.0 mV/V

**Bridge Resistance:**

1,000 ohms, nominal

**Material/Finish:**

Stainless steel

**Operating Temperature Range:**

14°F to 104°F (-10°C to 40°C)

**Safe Overload:**

150% at center loading point, full scale

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Total Error:**

0.020% full scale

**Insulation Resistance:**

2,000 megohms

**Seal Type:**

Hermetically sealed, IP68

**Cable Length:**

5 m (5,000 kg), 10 m (10,000 kg-20,000 kg) 20 m (30,000 kg)

**Cable Color Code:**

Blue .....+ Excitation  
 Black.....- Excitation  
 Green.....+ Sense  
 Grey.....- Sense  
 White.....+ Signal  
 Red.....- Signal

**Warranty:**

One-year limited warranty



Module with hermetically sealed 220 compression load cell.

### Standard Features

- Capacities (per module): 5,000 kg-30,000 kg (11,023.1 lb-66,139.0 lb)
- Matched output load cells eliminate trimming
- 304 stainless steel construction
- Hermetically sealed, IP68 stainless steel load cells
- Easy load cell replacement
- Integral jacking/shipping bolts

### Applications

- Medium- to high-capacity tanks, bins and hoppers
- Washdown applications
- Process control and batch weighing

### Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four 220 stainless steel compression mounts
- Three or four 220 stainless steel hermetically sealed compression disk load cells
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

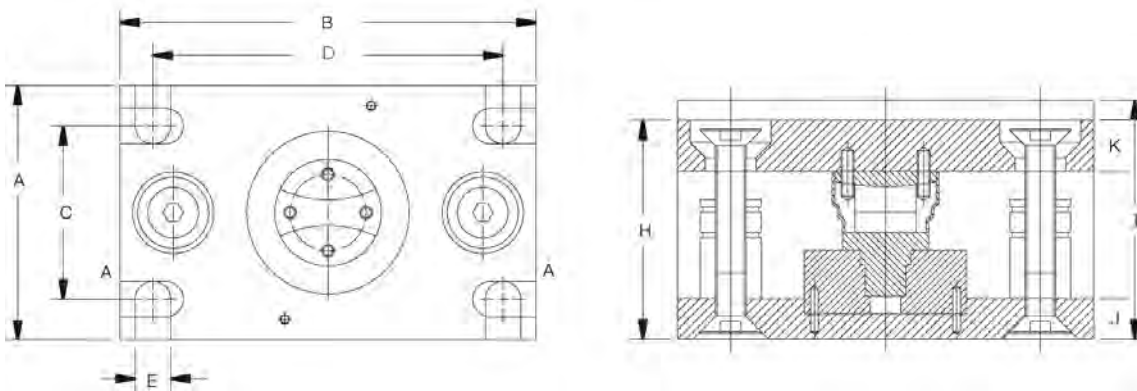
### Load Cell Certifications



Available Upon Request

**220 Universal Mount**

Stainless Steel Weigh Modules, VPG Tedeo-Huntleigh

**Dimensions**

Rated Capacity	A	B	C	D	E	H	I	J	K
<b>kg/mm</b>									
5,000-10,000	127.00	203.00	90.00	170.00	18.00	107.00	118.00	19.05	25.4
20,000/30,000	152.00	245.00	115.00	208.00	24.00	148.00	156.00	31.75	25.4
<b>lb/in</b>									
11,023.1	5.00	8.00	3.54	6.70	0.71	4.21	4.65	0.75	1.0
44,092.7/66,139.0	5.98	9.65	4.53	8.19	0.94	5.83	6.14	1.28	1.0

**Order Information**

Load Rating (Per Module)	Part#	Price	
<b>3-Module Kit (Includes Load Cell)</b>			
5,000 kg	11,023.1 lb	66208	\$5,995.00
10,000 kg	22,046.3 lb	66209	\$5,995.00
20,000 kg	44,092.7 lb	66210	\$6,795.00
30,000 kg	66,139.0 lb	66211	\$6,795.00
<b>4-Module Kit (Includes Load Cell)</b>			
5,000 kg	11,023.1 lb	66212	\$7,895.00
10,000 kg	22,046.3 lb	66213	\$7,895.00
20,000 kg	44,092.7 lb	66214	\$9,125.00
30,000 kg	66,139.0 lb	66215	\$9,125.00

**Replacement Mount Parts**

Load Rating (Per Module)	Part#	Price
Saddle 5t-10t	170879	\$115.00
Rolling cylinder 5t-10t	170882	\$95.00
Load adaptor 5t	170880	\$100.00
Load adaptor 10t	170881	\$145.00
Rubber boot 5t-10t	171211	\$30.00
Saddle 20t-30t	170884	\$115.00
Rolling cylinder 20t-30t	170885	\$50.00
Load adaptor 20t-30t	170883	\$95.00
Rubber boot 20t-30t	171212	\$27.00

## EZ Mount 1

Mild Steel Weigh Modules, Rice Lake Weighing Systems



Available in configurations with three or four mounting assemblies.  
Picture is a representation of actual product.

The EZ Mount 1 Series weigh modules utilize the double-ended beam design with an articulating top plate to provide superior accuracy in any loading condition. The double-ended beam design means there is less cumbersome hardware and each module has a lower profile than modules of different configurations. NTEP Certified and FM approved RL70000 Series load cells give you accuracy and dependability in many applications, including intrinsically safe and explosion proof areas.



Module with RL70000 double-ended shear beam load cell.

### Standard Features

- Capacities (per module): 5,000lb-250,000 lb (2,268 kg-113,398.1 kg)
- NTEP Certified load cells
- Unique sliding pin design compensates for thermal expansion/contraction
- Self-checking
- Easy load cell replacement
- Simplified design allows bolting directly to tank and floor
- Center-loaded, double-ended shear beam design
- Low-profile design
- Painted mild steel construction

### Optional Features

- Kits available with VPG® Revere 5103 load cell, capacities in 5,000 lb-150,000 lb (2,268.0 kg-68,039.0 kg)

### Applications

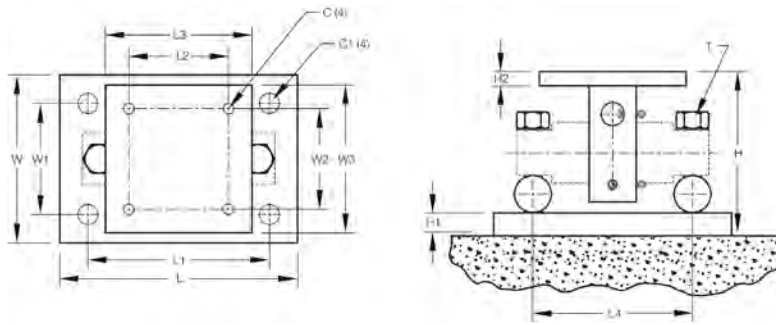
- Medium- to heavy-capacity tank and hopper weighing applications

### Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four EZ Mount 1 mild steel compression mounts
- Three or four RL70000 double-ended shear beam load cells
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

### Load Cell Certifications



**Dimensions**

Rated Capacity	C	C1	H	H1	H2	L	L1	L2	L3	L4	T	W	W1	W2	W3
<b>lb/in</b>															
5,000-20,000	0.56	1.06	5.31	0.75	0.50	11.00	8.00	3.00	6.00	6.87	5/8-18 UNF	7.50	4.00	3.00	6.00
30,000-60,000	0.68	1.19	8.43	1.00	0.75	15.00	11.50	5.12	8.00	8.50	1-14 UNS	10.00	6.00	5.12	8.00
100,000	0.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00
150,000	0.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00
200,000-250,000	1.06	1.88	16.75	2.00	2.00	26.00	20.00	9.00	12.00	13.00	1 1/2-12 UNS	12.00	6.00	9.00	12.00
<b>kg/mm</b>															
2,268.0-9,071.9	14.2	26.9	134.9	19.1	12.7	279.4	203.2	76.2	152.4	174.5	5/8-18 UNF	190.5	101.6	76.2	152.4
13,607.8-27,215.5	17.3	30.2	214.1	25.4	19.1	381.0	292.1	130.0	203.2	215.9	1-14 UNS	254.0	152.4	130.1	203.2
45,359.2	20.6	35.1	263.4	31.8	31.8	457.2	355.6	190.5	254.0	241.3	1-14 UNS	304.8	228.6	190.5	254.0
68,039.0	20.6	35.1	263.4	31.8	31.8	457.2	355.6	190.5	254.0	241.3	1-14 UNS	304.8	228.6	190.5	254.0
90,718.5-113,398.1	26.9	47.8	425.5	50.8	50.8	660.4	508.0	228.6	304.8	330.2	1 1/2-12 UNS	304.8	152.4	228.6	304.8

**Order Information**

Load Rating (Per Module)	Part#	Price
<b>Single Module (Does NOT Include Load Cell)</b>		
5,000 lb-20,000 lb	2,268.0 kg-9,071.9 kg <b>17823</b>	\$310.00
30,000 lb-60,000 lb	13,607.8 kg-27,215.5 kg <b>17824</b>	\$835.00
100,000 lb*	45,359.2 kg <b>17850</b>	\$1,150.00
150,000 lb	68,039.0 kg <b>29012</b>	\$1,150.00
200,000 lb-250,000 lb	90,719.0 kg-113,398.4 kg <b>26068</b>	\$2,620.00
<b>3-Module Kit</b>		
5,000 lb	2,268.0 kg <b>18163</b>	\$2,935.00
10,000 lb	4,535.9 kg <b>18164</b>	\$2,935.00
20,000 lb	9,071.9 kg <b>18165</b>	\$2,935.00
30,000 lb	13,607.8 kg <b>32164</b>	\$4,680.00
40,000 lb	18,143.7 kg <b>32167</b>	\$4,680.00
50,000 lb	22,679.6 kg <b>18166</b>	\$4,680.00
60,000 lb	27,215.5 kg <b>18167</b>	\$4,680.00
100,000 lb*	45,359.2 kg <b>18168</b>	\$7,575.00
150,000 lb	68,040.0 kg <b>43290</b>	\$7,575.00
<b>4-Module Kit</b>		
5,000 lb	2,268.0 kg <b>18169</b>	\$3,810.00
10,000 lb	4,535.9 kg <b>18170</b>	\$3,810.00
20,000 lb	9,071.9 kg <b>18171</b>	\$3,810.00
30,000 lb	13,607.8 kg <b>32165</b>	\$5,910.00
40,000 lb	18,143.7 kg <b>32166</b>	\$5,910.00
50,000 lb	22,679.6 kg <b>18172</b>	\$5,910.00
60,000 lb	27,215.5 kg <b>18173</b>	\$5,910.00
100,000 lb*	45,359.2 kg <b>18174</b>	\$9,840.00
150,000 lb	68,040.0 kg <b>43291</b>	\$9,840.00

\*Load cell bolts protrude from bottom of base plate 0.25 in

**VPG Revere® 5103 Mild Steel Order Information**

Load Rating (Per Module)	Part#	Price
<b>3-Module Kit</b>		
5,000 lb	2,268.0 kg <b>18175</b>	\$3,035.00
10,000 lb	4,535.9 kg <b>18176</b>	\$3,035.00
20,000 lb	9,071.9 kg <b>18177</b>	\$3,035.00
30,000 lb	13,607.8 kg <b>32169</b>	\$4,780.00
40,000 lb	18,143.7 kg <b>32171</b>	\$4,780.00
50,000 lb	22,679.6 kg <b>18178</b>	\$4,930.00
60,000 lb	27,215.5 kg <b>18179</b>	\$4,930.00
100,000 lb*	45,359.2 kg <b>18180</b>	\$7,675.00
150,000 lb	68,039.0 kg <b>18181</b>	\$7,675.00
<b>4-Module Kit</b>		
5,000 lb	2,268.0 kg <b>18182</b>	\$3,910.00
10,000 lb	4,535.9 kg <b>18183</b>	\$3,910.00
20,000 lb	9,071.9 kg <b>18184</b>	\$3,910.00
30,000 lb	13,607.8 kg <b>32170</b>	\$6,040.00
40,000 lb	18,143.7 kg <b>32172</b>	\$6,040.00
50,000 lb	22,679.6 kg <b>18185</b>	\$6,210.00
60,000 lb	27,215.5 kg <b>18186</b>	\$6,210.00
100,000 lb*	45,359.2 kg <b>18187</b>	\$10,000.00
150,000 lb	68,039.0 kg <b>18188</b>	\$10,000.00
<b>Dummy Load Cells</b>		
5,000 lb-20,000 lb		<b>33749</b> \$78.00
30,000 lb-60,000 lb		<b>74016</b> \$100.00
100,000 lb		<b>94175</b> \$157.00
150,000 lb		<b>158715</b> \$235.00
<b>Grounding Kit</b>		
5,000-60,000, includes ground strap and mounting hardware per mount	<b>126419</b>	\$18.00

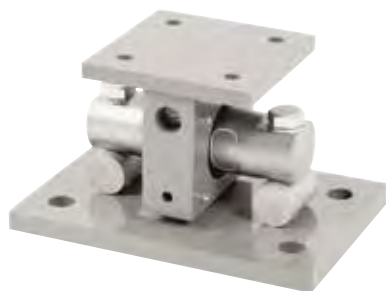
## EZ Mount 1 SS

Stainless Steel Weigh Modules, Rice Lake Weighing Systems



Available in configurations with three or four mounting assemblies.  
Picture is a representation of actual product.

The EZ Mount 1 Series weigh module utilizes the double-ended beam design with an articulating top plate to provide superior accuracy in any loading condition. The double-ended beam design means there is less cumbersome hardware and each module has a lower profile than modules of different configurations. FM approved RL70000 SS Series load cells give you accuracy and dependability in many applications, including intrinsically safe and explosion proof areas.



Module with RL70000 SS double-ended shear beam load cell.

### Standard Features

- Capacities (per module): 5,000lb-150,000 lb (2,268 kg-60,039.0 kg)
- Unique sliding pin design compensates for thermal expansion/contraction
- NTEP Certified load cells (10,000lb-100,000 lb)
- Self-checking
- Easy load cell replacement
- Simplified design allows bolting directly to tank and floor
- Center-loaded, double-ended shear beam design
- Low-profile design
- 304 stainless steel construction

### Optional Features

- Kits available with VPG-Revere 9103 load cell, capacities in 5,000 lb-150,000 lb (2268.0 kg-68,039.0 kg)

### Applications

- Medium to heavy-capacity tank and hopper weighing applications

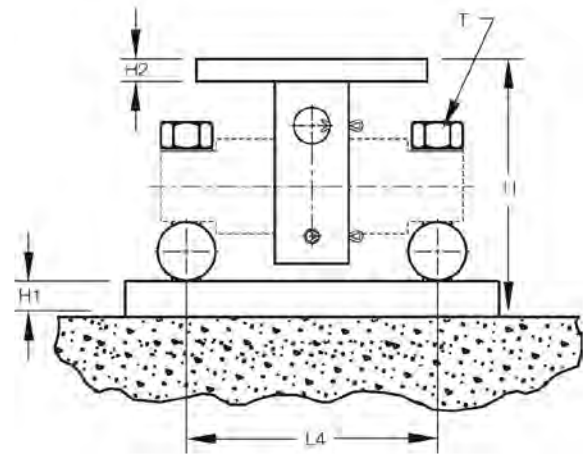
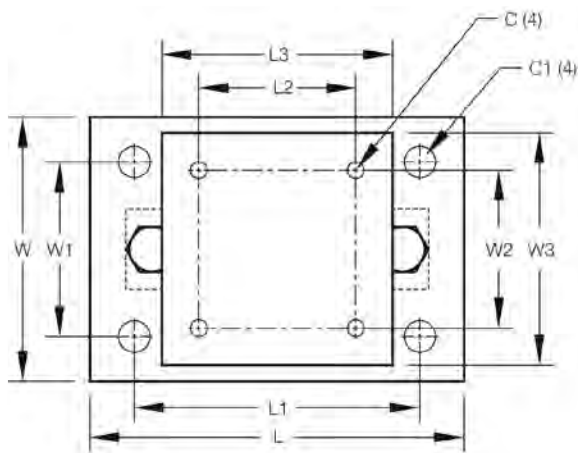
### Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four EZ Mount 1 stainless steel compression mounts
- Three or four RL70000 SS stainless steel double-ended shear beam load cells
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

### Load Cell Certifications







## Dimensions

Rated Capacity	C	C1	H	H1	H2	L	L1	L2	L3	L4	T	W	W1	W2	W3
<b>lb/in</b>															
5,000-20,000	0.56	1.06	5.31	0.75	0.50	11.00	8.00	3.00	6.00	6.87	5/8-18 UNF	7.50	4.00	3.00	6.00
30,000-60,000	0.68	1.19	8.43	1.00	0.75	15.00	11.50	5.12	8.00	8.50	1-14 UNS	10.00	6.00	5.12	8.00
100,000	0.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00
150,000	0.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00
<b>kg/mm</b>															
2,268.0-9,071.9	14.2	26.9	134.9	19.1	12.7	279.4	203.2	76.2	152.4	174.5	5/8-18 UNF	190.5	101.6	76.2	152.4
13,607.8-27,215.5	17.3	30.2	214.1	25.4	19.1	381.0	292.1	130.0	203.2	215.9	1-14 UNS	254.0	152.4	130.1	203.2
45,359.2	20.6	35.1	263.4	31.8	31.8	457.2	355.6	190.5	254.0	241.3	1-14 UNS	304.8	228.6	190.5	254.0
68,039.0	20.6	35.1	263.4	31.8	31.8	457.2	355.6	190.5	254.0	241.3	1-14 UNS	304.8	228.6	190.5	254.0

## Order Information

Load Rating (Per Module)	Part#	Price	
<b>Single Module (Does NOT Include Load Cell)</b>			
5,000 lb-20,000 lb	2,268.0 kg-9071.9 kg	<b>17943</b>	\$760.00
30,000 lb-60,000 lb	13,607.8 kg-27,215.5 kg	<b>17944</b>	\$2,095.00
100,000 lb	45,359.2 kg	<b>17945</b>	\$3,880.00
150,000 lb	68,039.0 kg	<b>29011</b>	\$3,880.00
<b>3-Module Kit</b>			
5,000 lb*	2,268.0 kg	<b>36195</b>	\$4,445.00
10,000 lb	4,535.9 kg	<b>36196</b>	\$4,445.00
20,000 lb	9,071.9 kg	<b>36197</b>	\$4,445.00
30,000 lb	13,607.8 kg	<b>36198</b>	\$8,610.00
40,000 lb	18,143.7 kg	<b>36199</b>	\$8,610.00
50,000 lb	22,679.6 kg	<b>36200</b>	\$8,710.00
60,000 lb	27,215.5 kg	<b>36201</b>	\$8,710.00
100,000 lb**	45,359.2 kg	<b>36202</b>	\$13,865.00
150,000 lb*	68,039.0 kg	<b>43288</b>	\$13,865.00

\* Non-NTEP Certified

\*\*Load cell bolts protrude from bottom of base plate 0.25 in

## Order Information

Load Rating (Per Module)	Part#	Price	
<b>4-Module Kit</b>			
5,000 lb*	2,268.0 kg	<b>36203</b>	\$5,955.00
10,000 lb	4,535.9 kg	<b>36204</b>	\$5,955.00
20,000 lb	9,071.9 kg	<b>36205</b>	\$5,955.00
30,000 lb	13,607.8 kg	<b>36206</b>	\$11,690.00
40,000 lb	18,143.7 kg	<b>36207</b>	\$11,690.00
50,000 lb	22,679.6 kg	<b>36208</b>	\$11,965.00
60,000 lb	27,215.5 kg	<b>36209</b>	\$11,965.00
100,000 lb**	45,359.2 kg	<b>36210</b>	\$18,405.00
150,000 lb*	68,039.0 kg	<b>43289</b>	\$18,405.00
<b>Dummy Load Cells (Mild Steel)</b>			
5,000 lb-20,000 lb	—	<b>33749</b>	\$78.00
30,000 lb-60,000 lb	—	<b>74016</b>	\$100.00
100,000 lb	—	<b>94175</b>	\$157.00
150,000 lb	—	<b>158715</b>	\$235.00
<b>Grounding Kit</b>			
5,000 lb-60,000 lb	—	<b>126419</b>	\$18.00

Includes ground strap and mounting hardware per mount

## EZ Mount 1 HE

Stainless Steel Weigh Modules, Hermetically Sealed, Rice Lake Weighing Systems



Available in configurations with three or four mounting assemblies.  
Picture is a representation of actual product.

The EZ Mount 1 HE Series weigh modules utilize the double-ended beam design with an articulating top plate to provide superior accuracy in any loading condition. The double-ended beam design means there is less cumbersome hardware and each module has a lower profile than modules of different configurations. The RL72010 MH Series load cells give you accuracy and dependability in any environment. Their stainless steel, hermetically sealed design also make them the ideal solution in harsh environments where moisture is present.



Module with RL72010MH double-ended shear beam load cell.

### Standard Features

- Capacities (per module): 5,000 lb-60,000 lb (2,268 kg-27,216.0 kg)
- Unique sliding pin design compensates for thermal expansion/contraction
- Self-checking
- Easy load cell replacement
- Simplified design allows bolting directly to tank and floor
- Center-loaded, double-ended shear beam design
- Low-profile design
- 304 stainless steel construction

### Applications

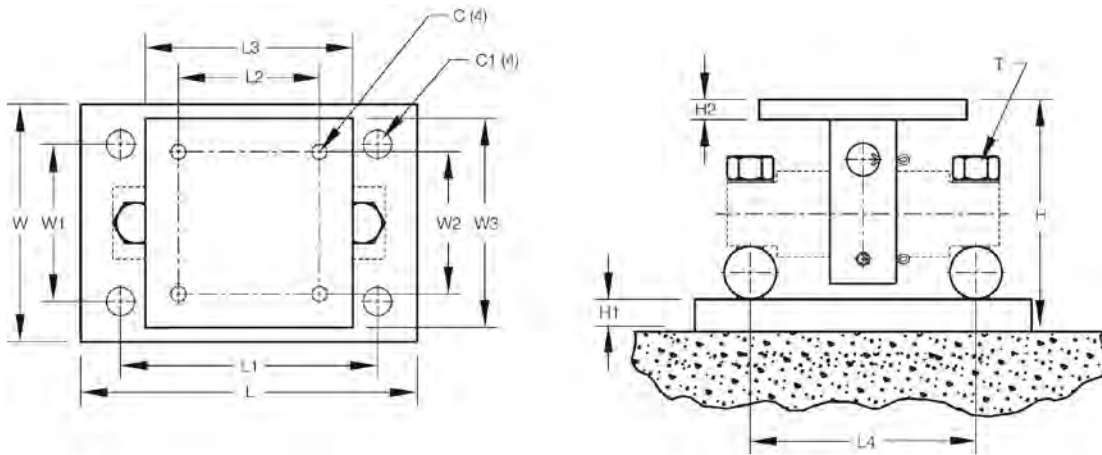
- Medium- to heavy-capacity tank and hopper weighing applications

### Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four EZ Mount 1 stainless steel compression mounts
- Three or four RL72010 MH hermetically sealed stainless steel, double-ended shear beam load cells
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

### Load Cell Certifications





**Dimensions**

Rated Capacity	C	C1	H	H1	H2	L	L1	L2	L3	L4	T	W	W1	W2	W3
<b>lb/in</b>															
5,000-20,000	0.56	1.06	5.31	0.75	0.50	11.00	8.00	3.00	6.00	6.87	5/8-18UNF	7.50	4.00	3.00	6.00
30,000-60,000	0.68	1.19	8.43	1.00	0.75	15.00	11.50	5.12	8.00	8.50	1-14UNS	10.00	6.00	5.12	8.00
<b>kg/mm</b>															
2,268.0-9,071.9	14.2	26.9	134.9	19.1	12.7	279.4	203.2	76.2	152.4	174.5	5/8-18UNF	190.5	101.6	76.2	152.4
13,607.8-27,215.5	17.3	30.2	214.1	25.4	19.1	381.0	292.1	130.0	203.2	215.9	1-14UNS	254.0	152.4	130.1	203.2

NOTES: Mounting bolts (T) may project on lower side of base plate. Foundation plate not included

**Order Information**

Load Rating (Per Module)	Part #	Price	
<b>3-Module Kit</b>			
5,000 lb	2,268.0 kg	<b>46695</b>	\$5,795.00
10,000 lb	4,535.9 kg	<b>46696</b>	\$5,795.00
20,000 lb	9,071.9 kg	<b>46697</b>	\$5,795.00
30,000 lb	13,607.8 kg	<b>46698</b>	\$11,095.00
40,000 lb	18,143.7 kg	<b>46699</b>	\$11,095.00
50,000 lb	22,679.6 kg	<b>46700</b>	\$11,095.00
60,000 lb	27,215.5 kg	<b>46701</b>	\$11,095.00
<b>4-Module Kit</b>			
5,000 lb	2,268.0 kg	<b>46702</b>	\$7,795.00
10,000 lb	4,535.9 kg	<b>46703</b>	\$7,795.00
20,000 lb	9,071.9 kg	<b>46704</b>	\$7,795.00
30,000 lb	13,607.8 kg	<b>46705</b>	\$14,500.00
40,000 lb	18,143.7 kg	<b>46706</b>	\$14,500.00
50,000 lb	22,679.6 kg	<b>46707</b>	\$14,500.00
60,000 lb	27,215.5 kg	<b>46708</b>	\$14,500.00
<b>Dummy Load Cells (Mild Steel)</b>			
5,000 lb-20,000 lb	2,268.0 kg-9,071.9 kg	<b>33749</b>	\$78.00
30,000 lb-60,000 lb	13,607.8 kg-27,215.5 kg	<b>74016</b>	\$100.00
<b>Grounding Kit</b>			
5,000 lb-60,000 lb		<b>126419</b>	\$18.00

Includes ground strap and mounting hardware  
Please contact factory for pricing and availability

**Shims**

Part #	Price	
<b>5,000 lb-20,000 lb, Stainless Steel</b>		
0.0625 in	<b>150886</b>	\$7.25
0.125 in	<b>150888</b>	\$11.50
0.250 in	<b>150889</b>	\$24.00
<b>30,000 lb-60,000 lb, Stainless Steel</b>		
0.0625 in	<b>150890</b>	\$12.75
0.125 in	<b>150891</b>	\$20.50
0.250 in	<b>150892</b>	\$57.00
<b>100,000 lb-150,000 lb, Stainless Steel</b>		
0.0625 in	<b>150893</b>	\$20.25
0.125 in	<b>150894</b>	\$32.50
0.250 in	<b>150896</b>	\$89.00
<b>5,000 lb-20,000 lb, Mild Steel</b>		
0.0625 in	<b>150874</b>	\$1.75
0.125 in	<b>150876</b>	\$3.50
0.250 in	<b>150877</b>	\$3.75
<b>30,000 lb-60,000 lb, Mild Steel</b>		
0.0625 in	<b>150878</b>	\$3.50
0.125 in	<b>150880</b>	\$6.00
0.250 in	<b>150881</b>	\$6.50
<b>100,000 lb-150,000 lb, Mild Steel</b>		
0.0625 in	<b>150882</b>	\$5.50
0.125 in	<b>150884</b>	\$9.50
0.250 in	<b>150885</b>	\$10.25

## WEIGH MODULES

**RL1600 Series Cast Iron**

Cast Iron Weigh Modules

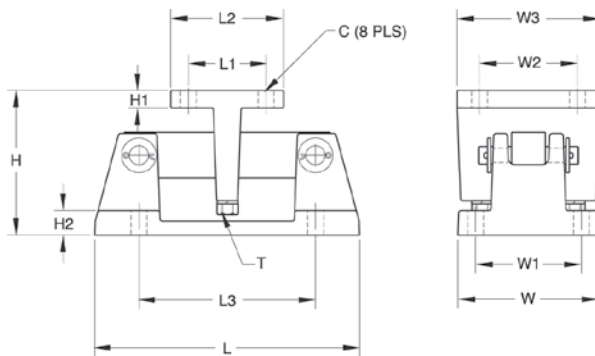


Available in configurations with three or four mounting assemblies.  
Picture is a representation of actual product.

The RL1600 Series mounting module kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1600 Series kit is ideally suited for indoor and outdoor process control operations in the medium- to high-capacity ranges. Each module incorporates self-checking capabilities for thermal expansion and contraction.



Cast iron module with RL75016 double-ended beam load cell.

**Dimensions**

Rated Capacity	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
<b>lb/in</b>													
1,000-5,000	0.56	5.00	0.50	0.50	9.31	2.75	4.00	6.25	1/2-13 UNC	5.00	3.75	2.75	4.00
10,000-25,000	0.78	7.89	0.75	0.75	12.00	6.00	8.00	7.50	3/4-10 UNC	8.00	6.00	6.00	8.00
<b>kg/mm</b>													
453.6-2,268.0	14.2	127.0	12.7	12.7	236.5	69.9	101.6	158.8	1/2-13 UNC	127.0	95.3	69.9	101.6
4,535.9-11,339.8	19.8	200.4	19.1	19.1	304.8	152.4	203.2	190.5	3/4-10 UNC	203.2	152.4	152.4	203.2

**Standard Features**

- Capacities (per module): 1,000lb-25,000lb (453.6kg-11,339.8kg)
- Cast iron construction
- Self-checking, easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Environmentally protected load cells
- Double-ended beam design, center loaded

**Optional Features**

- Kits available with VPG® Sensortronics 65016 load cells, capacities (per module): 1,000lb-25,000lb (453.6kg-11,339.8kg)

**Applications**

- Medium- to heavy-capacity tanks, bins and hoppers
- Bulk material management

**Complete Kit Includes**

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL1600 cast iron compression mounts
- Three or four RL75016 double-ended shear beam load cells
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

**Load Cell Certifications**

# RL1600 Series Cast Iron

Cast Iron Weigh Modules

## Order Information

Load Rating (Per Module)		Part #	Price
<b>Single Module (Does NOT Include Load Cell)</b>			
1,000 lb-5,000 lb	453.6 kg-2,268.0 kg	<b>17964</b>	\$157.00
10,000 lb-25,000 lb	4,535.9 kg-11,339.8 kg	<b>17965</b>	\$305.00
<b>3-Module Kit</b>			
1,000 lb	453.6 kg	<b>25663</b>	\$2,030.00
1,500 lb	680.4 kg	<b>25664</b>	\$2,030.00
2,000 lb	907.2 kg	<b>25665</b>	\$2,030.00
2,500 lb	1,134.0 kg	<b>25666</b>	\$2,030.00
3,000 lb	1,360.8 kg	<b>25667</b>	\$2,030.00
5,000 lb	2,268.0 kg	<b>25668</b>	\$2,030.00
10,000 lb	4,535.9 kg	<b>25669</b>	\$2,655.00
15,000 lb	6,803.9 kg	<b>25671</b>	\$2,655.00
20,000 lb	9,071.9 kg	<b>25672</b>	\$2,655.00
25,000 lb	11,339.8 kg	<b>25674</b>	\$2,655.00
<b>4-Module Kit</b>			
1,000 lb	453.6 kg	<b>25675</b>	\$2,595.00
1,500 lb	680.4 kg	<b>25676</b>	\$2,595.00
2,000 lb	907.2 kg	<b>25677</b>	\$2,595.00
2,500 lb	1,134.0 kg	<b>25678</b>	\$2,595.00
3,000 lb	1,360.8 kg	<b>25679</b>	\$2,595.00
5,000 lb	2,268.0 kg	<b>25680</b>	\$2,595.00
10,000 lb	4,535.9 kg	<b>25681</b>	\$3,425.00
15,000 lb	6,803.9 kg	<b>25682</b>	\$3,425.00
20,000 lb	9,071.9 kg	<b>25683</b>	\$3,425.00
25,000 lb	11,339.8 kg	<b>25684</b>	\$3,425.00

## Load Cell Upgrade

<b>RL75016SS Stainless Steel Load Cells</b>	
Three mount kits, 1,000 lb to 25,000 lb	\$75.00 added to list price
Four mount kits, 1,000 lb to 25,000 lb	\$100.00 added to list price
<b>RL75016WHE Stainless Steel Hermetic Load Cells</b>	
Three mount kits 1,000 lb to 5,000 lb	\$390.00, 10 k-25 k \$435.00 added to list price
Four mount kits 1,000 lb to 5,000 lb	\$520.00, 10 k-25 k \$580.00 added to list price

Contact factory for a 50,000 lb to 75,000 lb upgrade

## VPG Sensortronics 65016

### Order Information

Load Rating (Per Module)		Part #	Price
<b>3-Module Kit</b>			
1,000 lb	453.6 kg	<b>25685</b>	\$2,385.00
1,500 lb	680.4 kg	<b>25686</b>	\$2,385.00
2,500 lb	1,134.0 kg	<b>25688</b>	\$2,385.00
5,000 lb	2,268.0 kg	<b>25690</b>	\$2,385.00
10,000 lb	4,535.9 kg	<b>25691</b>	\$3,010.00
15,000 lb	6,803.9 kg	<b>25692</b>	\$3,010.00
20,000 lb	9,071.9 kg	<b>25693</b>	\$3,010.00
25,000 lb	11,339.8 kg	<b>25694</b>	\$3,010.00
<b>4-Module Kit</b>			
1,000 lb	453.6 kg	<b>25695</b>	\$3,095.00
1,500 lb	680.4 kg	<b>25696</b>	\$3,095.00
2,500 lb	1,134.0 kg	<b>25698</b>	\$3,095.00
5,000 lb	2,268.0 kg	<b>25700</b>	\$3,095.00
10,000 lb	4,535.9 kg	<b>25701</b>	\$3,950.00
15,000 lb	6,803.9 kg	<b>25702</b>	\$3,950.00
20,000 lb	9,071.9 kg	<b>25703</b>	\$3,950.00
25,000 lb	11,339.8 kg	<b>25704</b>	\$3,950.00
<b>Dummy Load Cells</b>			
1,000 lb-5,000 lb	453.6 kg-2,268.0 kg	<b>18236</b>	\$21.00
10,000 lb-25,000 lb	4,535.9 kg-11,339.8 kg	<b>18237</b>	\$37.00

## Shims, Mild Steel

	Part #	Price
<b>1,000 lb-5,000 lb</b>		
0.0625	<b>150844</b>	\$1.00
0.125	<b>150845</b>	\$1.50
0.250	<b>150846</b>	\$1.75
<b>10,000 lb-25,000 lb</b>		
0.0625	<b>150847</b>	\$3.50
0.125	<b>150848</b>	\$6.00
0.250	<b>150849</b>	\$6.50

## WEIGH MODULES

**RL1600 Series**

Mild Steel Weigh Modules

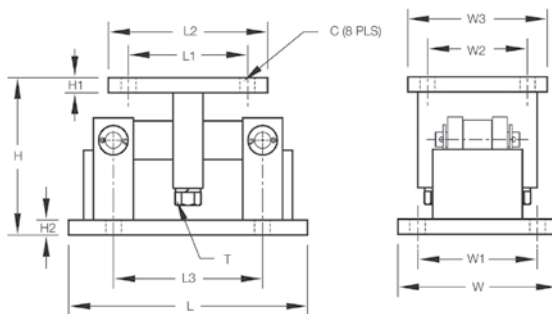


Available in configurations with three or four mounting assemblies.  
Picture is a representation of actual product.

The RL1600 Series mounting module kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1600 Series kit is ideally suited for indoor and outdoor process control operations in the medium- to high-capacity ranges. Each module incorporates self-checking capabilities for thermal expansion and contraction.



Mild steel module with RL75016 double-ended beam load cell.

**Dimensions**

Rated Capacity	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
<b>lb/in</b>													
1,000-5,000	0.56	5.00	0.50	0.50	9.25	2.75	4.00	6.25	1/2-13 UNC	5.00	3.75	2.75	4.00
10,000-25,000	0.78	7.87	0.75	0.75	12.00	6.00	8.00	7.50	3/4-10 UNC	8.00	6.00	6.00	8.00
50,000-75,000	0.78	9.25	1.00	1.00	16.25	6.50	9.00	11.50	1 1/4-7 UNC	12.00	9.50	6.50	9.00
<b>kg/mm</b>													
453.6-2,268.0	14.2	127.0	12.7	12.7	235.0	69.9	101.6	158.8	1/2-13 UNC	127.0	95.3	69.9	101.6
4,535.9-11,339.8	19.8	199.9	19.1	19.1	304.8	152.4	203.2	190.5	3/4-10 UNC	203.2	152.4	152.4	203.2
22,679.7-34,019.5	19.8	234.9	25.4	25.4	412.8	165.1	228.6	292.1	1 1/4-7 UNC	304.8	241.3	165.1	228.6

**Standard Features**

- Capacities (per module): 1,000lb-75,000lb (453.6kg-34,019.5kg)
- Self-checking, easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Environmentally protected load cells
- Double-ended shear beam design, center loaded
- Painted mild steel construction

**Optional Features**

- Kits available with VPG® Sensortronics 65016 load cells, capacities (per module): 1,000lb-75,000lb (453.6kg-34,019.5kg)

**Applications**

- Medium- to heavy-capacity tanks, bins and hoppers
- Bulk material management

**Complete Kit Includes**

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL1600 mild steel compression mounts
- Three or four RL75016 double-ended shear beam load cells
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

**Load Cell Certifications**

### Order Information

Load Rating (Per Module)		Part #	Price
<b>Single Module (Does NOT Include Load Cell)</b>			
1,000 lb-5,000 lb	453.6 kg-2,268.0 kg	<b>17812</b>	\$157.00
10,000-25,000 lb	4,535.9 kg-11,339.8 kg	<b>17814</b>	\$305.00
50,000 lb	22,679.6 kg	<b>17816</b>	\$1,025.00
75,000 lb	34,019.5 kg	<b>25346</b>	\$1,025.00
<b>3-Module Kit</b>			
1000 lb	453.6 kg	<b>18117</b>	\$2,030.00
1500 lb	680.4 kg	<b>18118</b>	\$2,030.00
2000 lb	907.2 kg	<b>18119</b>	\$2,030.00
2500 lb	1,134.0 kg	<b>18120</b>	\$2,030.00
3000 lb	1,360.8 kg	<b>18121</b>	\$2,030.00
5000 lb	2,268.0 kg	<b>18122</b>	\$2,030.00
10,000 lb	4,535.9 kg	<b>18123</b>	\$2,655.00
15,000 lb	6,803.9 kg	<b>18124</b>	\$2,655.00
20,000 lb	9,071.9 kg	<b>18125</b>	\$2,655.00
25,000 lb	11,339.8 kg	<b>18126</b>	\$2,655.00
50,000 lb	22,679.6 kg	<b>18127</b>	\$5,515.00
75,000 lb	34,019.5 kg	<b>25348</b>	\$5,515.00
<b>4-Module Kit</b>			
1,000 lb	453.6 kg	<b>18129</b>	\$2,595.00
1,500 lb	680.4 kg	<b>18130</b>	\$2,595.00
2,000 lb	907.2 kg	<b>18131</b>	\$2,595.00
2,500 lb	1,134.0 kg	<b>18132</b>	\$2,595.00
3,000 lb	1,360.8 kg	<b>18133</b>	\$2,595.00
5,000 lb	2,268.0 kg	<b>18134</b>	\$2,595.00
10,000 lb	4,535.9 kg	<b>18135</b>	\$3,425.00
15,000 lb	6,803.9 kg	<b>18136</b>	\$3,425.00
20,000 lb	9,071.9 kg	<b>18137</b>	\$3,425.00
25,000 lb	11,339.8 kg	<b>18138</b>	\$3,425.00
50,000 lb	22,679.6 kg	<b>18139</b>	\$7,365.00
75,000 lb	34,019.5 kg	<b>25349</b>	\$7,365.00

### VPG Scentroidronics 65016 Order Information

Load Rating (Per Module)		Part #	Price
<b>3-Module Kit</b>			
1,000 lb	453.6 kg	<b>18189</b>	\$2,385.00
1,500 lb	680.4 kg	<b>18190</b>	\$2,385.00
2,500 lb	1,134.0 kg	<b>18192</b>	\$2,385.00
5,000 lb	2,268.0 kg	<b>18194</b>	\$2,385.00
10,000 lb	4,535.9 kg	<b>18195</b>	\$3,010.00
15,000 lb	6,803.9 kg	<b>18196</b>	\$3,010.00
20,000 lb	9,071.9 kg	<b>18197</b>	\$3,010.00
25,000 lb	11,339.8 kg	<b>18198</b>	\$3,010.00
50,000 lb	22,679.6 kg	<b>18199</b>	\$5,960.00
75,000 lb	34,019.5 kg	<b>25350</b>	\$5,960.00
<b>4-Module Kit</b>			
1,000 lb	453.6 kg	<b>18201</b>	\$3,095.00
1,500 lb	680.4 kg	<b>18202</b>	\$3,095.00
2,500 lb	1,134.0 kg	<b>18204</b>	\$3,095.00
5,000 lb	2,268.0 kg	<b>18206</b>	\$3,095.00
10,000 lb	4,535.9 kg	<b>18207</b>	\$3,950.00
15,000 lb	6,803.9 kg	<b>18208</b>	\$3,950.00
20,000 lb	9,071.9 kg	<b>18209</b>	\$3,950.00
25,000 lb	11,339.8 kg	<b>18210</b>	\$3,950.00
50,000 lb	22,679.6 kg	<b>18211</b>	\$7,810.00
75,000 lb	34,019.5 kg	<b>25351</b>	\$7,810.00
<b>Dummy Load Cells</b>			
1,000 lb-5,000 lb	453.6 kg-2,268.0 kg	<b>18236</b>	\$21.00
10,000 lb-25,000 lb	4,535.9 kg-11,339.8 kg	<b>18237</b>	\$37.00
50,000 lb	22,679.6 kg	<b>18238</b>	\$53.00

### Shims, Mild Steel

	Part #	Price
<b>1,000 lb-5,000 lb</b>		
0.0625	<b>150844</b>	\$1.00
0.125	<b>150845</b>	\$1.50
0.250	<b>150846</b>	\$1.75
<b>10,000 lb-25,000 lb</b>		
0.0625	<b>150847</b>	\$3.50
0.125	<b>150848</b>	\$6.00
0.250	<b>150849</b>	\$6.50
<b>50,000 lb-75,000 lb</b>		
0.0625	<b>150850</b>	\$4.50
0.125	<b>150851</b>	\$7.50
0.250	<b>150866</b>	\$6.00

### Load Cell Upgrade

<b>RL75016SS Stainless Steel Load Cells</b>	
Three mount kits, 1,000 lb to 25,000 lb	\$75.00 added to list price
Four mount kits, 1,000 lb to 25,000 lb	\$100.00 added to list price
<b>RL75016WHE Stainless Steel Hermetic Load Cells</b>	
Three mount kits 1,000 lb-5,000 lb	\$390.00, 10,000 lb-25,000 lb \$435.00 added to list price
Four mount kits 1,000 lb-5,000 lb	\$520.00, 10,000 lb-25,000 lb \$580.00 added to list price

Contact factory for a 50,000 lb to 75,000 lb adder for stainless only

**RL1600 Series SS**

Stainless Steel Weigh Modules

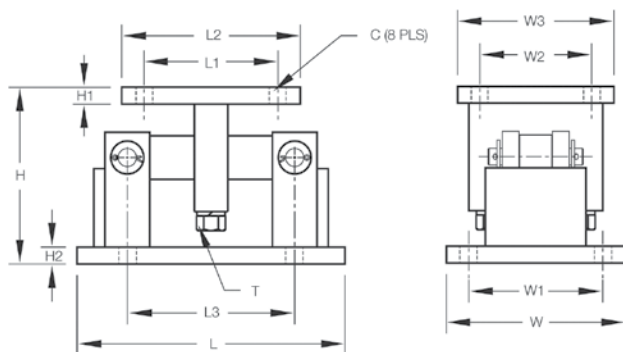


Available in configurations with three or four mounting assemblies.  
Picture is a representation of actual product.

The RL1600 Series mounting module kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1600 Series kit is ideally suited for indoor and outdoor process control operations in the medium-to-high-capacity ranges. Each module incorporates self-checking capabilities for thermal expansion and contraction.



Fabricated stainless steel module with RL75016 SS double-ended beam load cell.

**Dimensions**

Rated Capacity	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
<b>lb/in</b>													
1,000-5,000	0.56	5.00	0.50	0.50	9.25	2.75	4.00	6.25	1/2-13 UNC	5.00	3.75	2.75	4.00
10,000-25,000	0.78	7.87	0.75	0.75	12.00	6.00	8.00	7.50	3/4-10 UNC	8.00	6.00	6.00	8.00
50,000-75,000	0.78	9.25	1.00	1.00	16.25	6.50	9.00	11.50	1 1/4-7 UNC	12.00	9.50	6.50	9.00
<b>kg/mm</b>													
453.6-2,268.0	14.2	127.0	12.7	12.7	235.0	69.9	101.6	158.8	1/2-13 UNC	127.0	95.3	69.9	101.6
4,535.9-11,339.8	19.8	199.9	19.1	19.1	304.8	152.4	203.2	190.5	3/4-10 UNC	203.2	152.4	152.4	203.2
22,679.7-34,019.5	19.8	234.9	25.4	25.4	412.8	165.1	228.6	292.1	1 1/4-7 UNC	304.8	241.3	165.1	228.6

**Standard Features**

- Capacities (per module): 1,000lb-75,000lb (453.6kg-34,019.5kg)
- 304 stainless steel construction
- Self-checking, easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Environmentally protected load cells
- Double-ended shear beam design, center loaded

**Optional Features**

- Kits available with VPG Sensortronics 65016W SS load cells

**Applications**

- Medium-to heavy-capacity tanks, bins, and hoppers
- Bulk material management

**Complete Kit Includes**

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL1600 stainless steel compression mounts
- Three or four RL75016 SS stainless steel double-ended shear beam load cells
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

**Load Cell Certifications**



### Order Information

Load Rating (Per Module)		Part #	Price
<b>Single Module (Does NOT Include Load Cell)</b>			
1,000 lb-5,000 lb	453.6 kg-2,268.0 kg	<b>17813</b>	\$590.00
10,000 lb-25,000 lb	4,535.9 kg-11,339.8 kg	<b>17815</b>	\$1,150.00
50,000 lb	22,679.6 kg	<b>17842</b>	\$2,725.00
75,000 lb	34,019.5 kg	<b>25347</b>	\$2,725.00
<b>3-Module Kit</b>			
1,000 lb	453.6 kg	<b>18141</b>	\$3,355.00
1,500 lb	680.4 kg	<b>18142</b>	\$3,355.00
2,000 lb	907.2 kg	<b>18143</b>	\$3,355.00
2,500 lb	1,134.0 kg	<b>18144</b>	\$3,355.00
5,000 lb	2,268.0 kg	<b>18145</b>	\$3,355.00
10,000 lb	4,535.9 kg	<b>18146</b>	\$5,075.00
15,000 lb	6,803.9 kg	<b>18147</b>	\$5,075.00
20,000 lb	9,071.9 kg	<b>18148</b>	\$5,075.00
25,000 lb	11,339.8 kg	<b>18149</b>	\$5,075.00
50,000 lb	22,679.6 kg	<b>18150</b>	\$11,500.00
75,000 lb	34,019.5 kg	<b>25352</b>	\$11,500.00
<b>4-Module Kit</b>			
1,000 lb	453.6 kg	<b>18152</b>	\$4,380.00
1,500 lb	680.4 kg	<b>18153</b>	\$4,380.00
2,000 lb	907.2 kg	<b>18154</b>	\$4,380.00
2,500 lb	1,134.0 kg	<b>18155</b>	\$4,380.00
5,000 lb	2,268.0 kg	<b>18156</b>	\$4,380.00
10,000 lb	4,535.9 kg	<b>18157</b>	\$6,930.00
15,000 lb	6,803.9 kg	<b>18158</b>	\$6,930.00
20,000 lb	9,071.9 kg	<b>18159</b>	\$6,930.00
25,000 lb	11,339.8 kg	<b>18160</b>	\$6,930.00
50,000 lb	22,679.6 kg	<b>18161</b>	\$15,530.00
75,000 lb	34,019.5 kg	<b>25353</b>	\$15,530.00

### VPG Scentroidrics 65016W Order Information

Load Rating (Per Module)		Part #	Price
<b>3-Module Kit</b>			
1,000 lb	453.6 kg	<b>18213</b>	\$3,600.00
1,500 lb	680.4 kg	<b>18214</b>	\$3,600.00
2,500 lb	1,134.0 kg	<b>18216</b>	\$3,600.00
5,000 lb	2,268.0 kg	<b>18217</b>	\$3,600.00
10,000 lb	4,535.9 kg	<b>18218</b>	\$5,475.00
15,000 lb	6,803.9 kg	<b>18219</b>	\$5,475.00
20,000 lb	9,071.9 kg	<b>18220</b>	\$5,475.00
25,000 lb	11,339.8 kg	<b>18221</b>	\$5,475.00
50,000 lb	22,679.6 kg	<b>18222</b>	\$12,000.00
75,000 lb	34,019.5 kg	<b>25354</b>	\$12,000.00
<b>4-Module Kit</b>			
1,000 lb	453.6 kg	<b>18224</b>	\$4,730.00
1,500 lb	680.4 kg	<b>18225</b>	\$4,730.00
2,500 lb	1,134.0 kg	<b>18227</b>	\$4,730.00
5,000 lb	2,268.0 kg	<b>18228</b>	\$4,730.00
10,000 lb	4,535.9 kg	<b>18229</b>	\$7,230.00
15,000 lb	6,803.9 kg	<b>18230</b>	\$7,230.00
20,000 lb	9,071.9 kg	<b>18231</b>	\$7,230.00
25,000 lb	11,339.8 kg	<b>18232</b>	\$7,230.00
50,000 lb	22,679.6 kg	<b>18233</b>	\$15,830.00
75,000 lb	34,019.5 kg	<b>25355</b>	\$15,295.00
<b>Dummy Load Cells (Mild Steel)</b>			
1,000 lb-5,000 lb	453.6 kg-2,268.0 kg	<b>18236</b>	\$21.00
10,000 lb-25,000 lb	4,535.9 kg-11,339.8 kg	<b>18237</b>	\$37.00
50,000 lb	22,679.6 kg	<b>18238</b>	\$53.00

### Shims, Stainless

	Part #	Price
<b>1,000 lb-5,000 lb</b>		
0.0625	<b>150852</b>	\$3.25
0.125	<b>150853</b>	\$8.50
0.250	<b>150854</b>	\$14.25
<b>10,000 lb-25,000 lb</b>		
0.0625	<b>150855</b>	\$12.75
0.125	<b>150856</b>	\$20.50
0.250	<b>150857</b>	\$57.00
<b>50,000 lb-75,000 lb</b>		
0.0625	<b>150858</b>	\$16.25
0.125	<b>150859</b>	\$26.25
0.250	<b>150861</b>	\$72.25

# MVS Mount/MVS

## Conversion Kit



Picture is a representation of actual product.

Designed for the Rice Lake Weighing Systems SURVIVOR® truck scale product line, the MVS can also be purchased independently to support existing designs or applications. Built to withstand the punishment of the most severe environments, the MVS utilizes the center-loaded double-ended shear beam load cell design. The mount is self-centering, which eliminates the need of costly check rods. This results in a pendulum suspension effect that eliminates binding, protects the load cells from damaging side load common on truck scales and automatically returns the mount to dead center. The mount is easy to install and promises high performance and long life.

### Standard Features

- Capacity design: 10,000 lb-125,000 lb (4,536.0 kg-34,019.4 kg)
- Mild steel construction
- Specially hardened center link
- Self-checking design
- Self-centering design
- Accommodates thermal expansion and contraction

### Optional Features

- VPG® Sensortronics 65058 or VPG Celtron CLB

### Applications

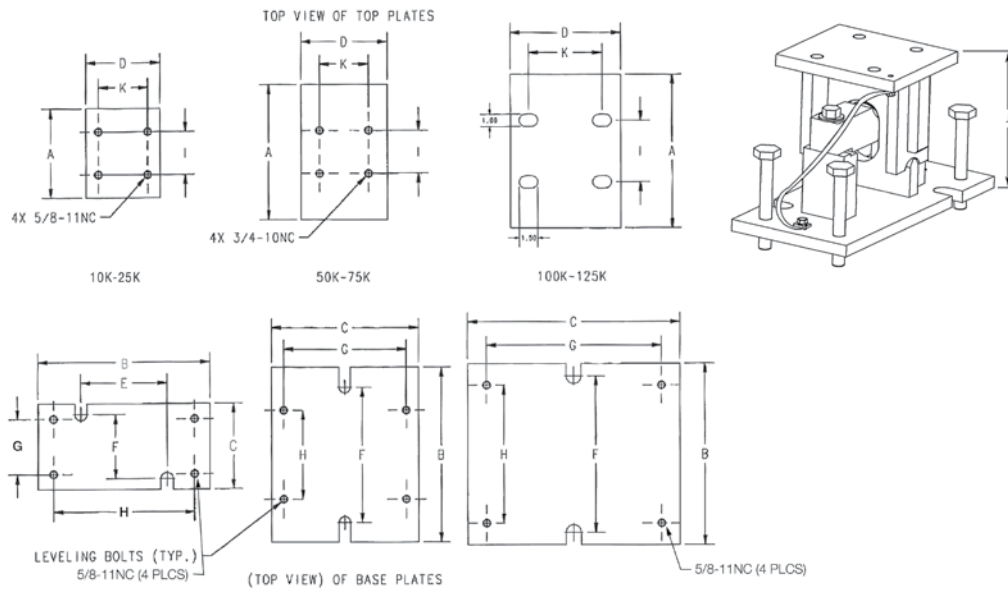
- Truck/track scale conversion
- Heavy-capacity horizontal tanks

### Complete Kit Includes

- 4 to 10 RL75058-75,000 lb load cells with 35 ft or 60 ft cables
- 4 to 10 MVS mounts
- JB 8SPT junction box (JB1010 on 10 module kit)
- 100 ft of our hostile environment EL147HE SURVIVOR® load cell cable

### Load Cell Certifications





## Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K
<b>lb/in</b>											
10,000-25,000	7.25	14.00	7.00	6.00	7.00	5.25	4.50	11.50	3.50	8.50	4.00
50,000-75,000	11.00	14.25	12.00	7.00	—	11.00	10.00	7.25	3.50	11.53	4.00
100,000-125,000	12.50	14.75	17.25	9.00	—	12.75	14.25	11.25	5.00	14.21	6.00
<b>kg/mm</b>											
4,536.0-11,340.0	184.2	355.6	177.8	152.4	177.8	133.5	114.3	292.1	88.9	215.9	101.6
22,679.6-34,019.4	279.4	362.0	304.8	177.8	—	279.4	254	184.15	88.9	292.9	101.6
45,360-56,700.0	317.50	374.7	438.2	228.6	—	323.9	362.0	285.8	127.0	360.9	152.4

## Order Information

Load Rating (Per Module)	Part #	Price
<b>MVS Mount (Does NOT include Load Cell)</b>		
10,000 lb-25,000 lb	71200	\$625.00
50,000 lb-75,000 lb	46441	\$730.00
100,000 lb-125,000 lb	68520	\$1,260.00
<b>MVS Conversion Kits (Includes 75,000 lb* Load Cells, Mounts and Junction Box)</b>		
4-module kit	68495	\$6,735.00
6-module kit	68496	\$9,905.00
8-module kit	68497	\$13,475.00
10-module kit	68498	\$17,345.00
<b>Dummy Load Cell</b>		
50 lb-75,000 lb	169388	\$157.00
100,000 lb-125,000 lb	159696	\$185.00

Custom heights available; Consult  
 \* Consult for other capacity requirements

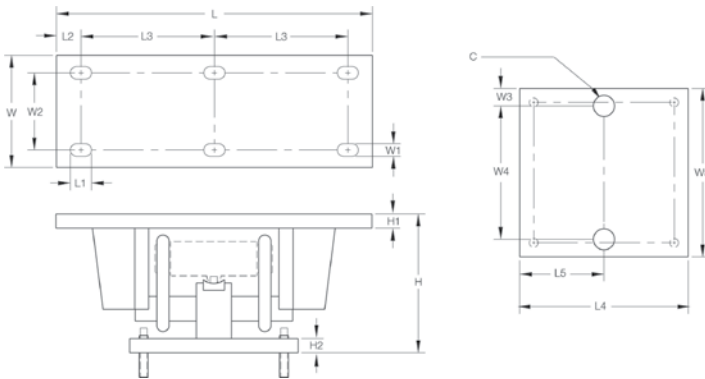
# Translink™ Parallel Link Truck Scale Assembly

Rice Lake Weighing Systems



Mount only; does not include load cell.  
Picture is a representation of actual product.

The Translink parallel link truck scale assembly is designed for use with Rice Lake Weighing Systems' RL75223 and RL75040A, VPG Revere's 5223 or VPG Sensortronics® 65040A load cells. This design allows the scale platform to move freely in all directions on a horizontal plane while causing the platform to self-center because of the pendulous action of the links. The unique parallel link design eliminates the need for costly and troublesome checkrods. Simply install platform bumpers and forget about over-travel. This mount is ideal for heavy-capacity weigh bridges.



## Dimensions

Rated Capacity	C	H	H1	H2	L	L1	L2	L3	L4	L5	W	W1	W2	W3	W4	W5
<b>lb/in</b>																
50,000-100,000 (RL75223, 5223)	1.50	12.93	1.00	1.00	22.50	1.50	1.75	9.50	11.75	5.88	7.75	0.91	5.25	1.25	9.25	11.75
25,000-40,000 (RL75040A, 65040A)	1.50	9.88	1.00	1.00	18.50	1.50	1.75	7.50	11.75	5.88	7.75	0.91	5.25	1.25	9.25	11.75
50,000-75,000 (RL75040A, 65040A)	1.50	12.82	1.00	1.00	22.50	1.50	1.75	9.50	11.75	5.88	7.75	0.91	5.25	1.25	9.25	11.75
<b>kg/mm</b>																
22,679.6-45,359.4	38.1	328.4	25.4	25.4	571.5	37.5	44.5	241.3	298.5	149.4	196.9	23.1	133.4	31.8	235.0	298.4
11,339.8-18,143.7	38.1	251.0	25.4	25.4	469.9	37.5	44.5	190.5	298.5	149.4	196.9	23.1	133.4	31.8	235.0	298.4
22,679.6-34,019.4	38.1	325.6	25.4	25.4	571.5	37.5	44.5	241.3	298.5	149.4	196.9	23.1	133.4	31.8	235.0	298.4

## Order Information

Load Rating (Per Module)	Part#	Price
<b>For Use With RL75223, 5223 Load Cells</b>		
50,000 lb-100,000 lb	22,679.6 kg-45,359.4 kg	<b>17970</b>
<b>For Use With RL75040A, 65040A Load Cells</b>		
25,000 lb-40,000 lb	11,339.8 kg-18,143.7 kg	<b>17971</b>
50,000 lb-75,000 lb	22,679.6 kg-34,019.4 kg	<b>17972</b>

Mount only; does not include load cell

See load cell model RL75223 (RLWS), load cell model RL75040 (RLWS) and model 65040A (VPG Sensortronics) specifications

## Standard Features

- Capacities: 25,000 lb-100,000 lb (11,339.8 kg-45,359.4 kg)
- Center-supported, end-loaded, double-ended shear beam design
- Free movement in all directions on the horizontal plane with virtually no friction
- Links provide optimal loading conditions for the cell
- Completely self-centering
- Requires no check rods
- Utilizes cells with 3 mV/V output
- Models available are RL75223 and RL75040, RTI 5223 and VPG® Sensortronics 65040A load cells

## Applications

- Truck scale mount
- Heavy-capacity horizontal tanks

# Motor Truck Scale Electronic Conversion Kit

Rice Lake Weighing Systems



Picture is a representation of actual product.

## Standard Features

- Cost- and time-efficient installation; no need to remove weighbridge
- Converts existing scale capacities of 40,000 lb-300,000 lb (18,143.7 kg-90,718.7 kg)
- Four, six or eight-mount kits for two, three or four-section conversions
- Translink™ heavy-capacity mounting assemblies
- Free movement in all directions in the horizontal plane with virtually no friction
- Completely self-centering
- Requires no check rods
- Capacity per mount: 25,000 lb-100,000 lb (11,339.8 kg-45,359.4 kg)
- Utilizes cells with 3 mV/V output

## Optional Features

- Custom heights available; consult
- RLWS RL75223 welded-seal, VPG® Sensortronics 65040A or RTI 5223 load cells

## Applications

- Updating existing mechanical motor truck scales
- Replacing unsatisfactory electronic motor truck scales
- Conversion of heavy-capacity scales into fully electronic vehicle scales where the existing scale cannot be removed

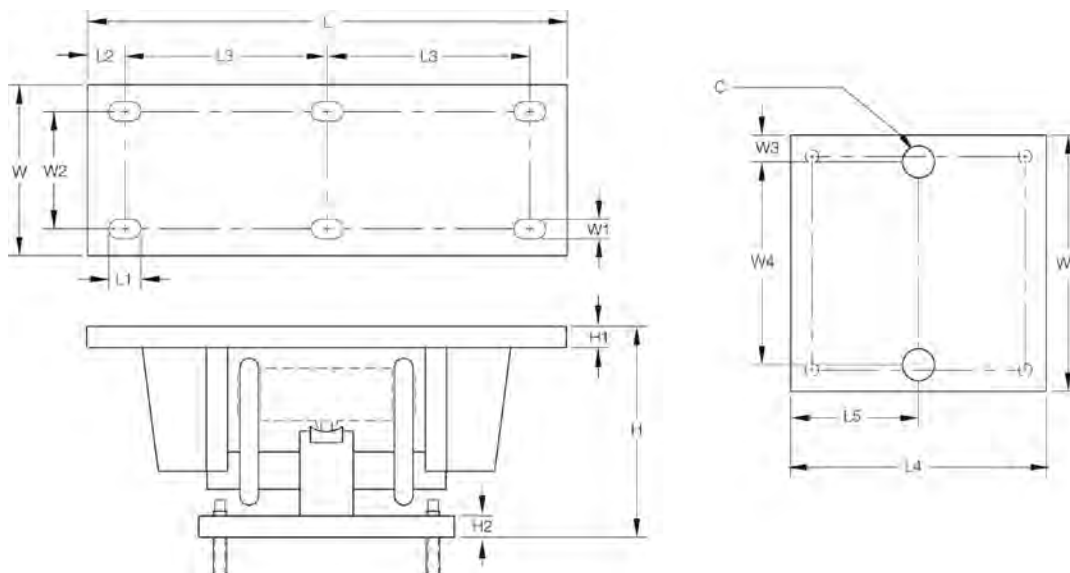
## Complete Kit Includes

- One JB8SP NEMA Type 4X signal-trim junction box with individual and section trimming capability (six and eight-mount kits) or one JB4SP NEMA Type 4X signal-trim junction box (four-mount kits)
- One UJB3T6 DC transient protector
- Four, six or eight Translink mounting assemblies with RL75040 or RL75223 load cells
- 100 ft of hostile environment EL147HE SURVIVOR® load cell cable

Full electronic performance can be achieved at a fraction of the cost of a new scale and pit. The Motor Truck Scale (MTS) Electronic conversion kit is designed to transform an existing scale pit and weighbridge into a fully electronic vehicle scale. Designed for quick installation without removing the platform or reconfiguring the pit, the conversion kit can often be installed in a matter of days, minimizing downtime. This ease of installation is important when considering installations where it is not feasible to completely remove the existing scale.

# Motor Truck Scale Electronic Conversion Kit

Rice Lake Weighing Systems



## Dimensions

Rated Capacity	C	H*	H1	H2	L	L1	L2	L3	L4	L5	W	W1	W2	W3	W4**	W5
<b>lb/in</b>																
50,000-100,000 (RL75223)	1.50	12.93	1.00	1.00	22.50	1.50	1.75	9.50	11.75	5.88	7.75	0.91	5.25	1.25	9.25	11.75
25,000-40,000 (RL75040A)	1.50	9.88	1.00	1.00	18.50	1.50	1.75	7.50	11.75	5.88	7.75	0.91	5.25	1.25	9.25	11.75
50,000-75,000 (RL75040A)	1.50	12.82	1.00	1.00	22.50	1.50	1.75	9.50	11.75	5.88	7.75	0.91	5.25	1.25	9.25	11.75
<b>kg/mm</b>																
22,679.6-45,400.00 (RL75223)	38.1	328.4	25.4	25.4	571.5	37.5	44.5	241.3	298.5	149.4	196.9	23.1	133.4	31.8	235.0	298.45
11,339.8-18,143.7 (RL75040A)	38.1	251.0	25.4	25.4	469.9	37.5	44.5	190.5	298.5	149.4	196.9	23.1	133.4	31.8	235.0	298.45
22,679.6-34,019.4 (RL75040A)	38.1	325.6	25.4	25.4	571.5	37.5	44.5	241.3	298.5	149.4	196.9	23.1	133.4	31.8	235.0	298.45

\*Custom heights available; consult

\*\*Custom hole spacing for existing bolt patterns is available; consult

## Order Information

Scale Suggested Capacity	Load Cell Capacity (Per Module)		Part #	Price	Load Cell Used In Kit
<b>4-Module Kit (Includes Weigh Modules Load Cells, Junction Box, and Transient Protection)</b>					
40,000 lb	18,143.7 kg	25,000 lb	11,339.8 kg	30513	\$5,665.00 RL75040A
60,000 lb	27,215.6 kg	40,000 lb	18,143.7 kg	30514	\$6,165.00 RL75040A
<b>6-Module Kit (Includes Weigh Modules Load Cells, Junction Box and Transient Protection)</b>					
100,000 lb	45,359.4 kg	50,000 lb	22,679.6 kg	30515	\$9,705.00 RL75040A
120,000 lb	54,431.2 kg	60,000 lb	27,215.6 kg	30516	\$9,705.00 RL75040A
<b>8-Module Kit (Includes Weigh Modules Load Cells, Junction Box and Transient Protection)</b>					
120,000 lb	54,431.2 kg	60,000 lb	27,215.6 kg	30517	\$12,505.00 RL75040A
200,000 lb	90,718.7 kg	75,000 lb	34,019.4 kg	30518	\$12,505.00 RL75040A
300,000 lb	SD 136,078.1 kg	100,000 lb	45,359.4 kg	30512	\$15,230.00 RL75223

SD refers to super duty, 100,000 lb (45,359.4 kg) capacity welded-seal load cells

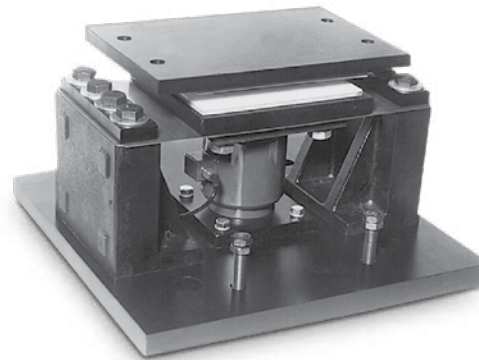
## Standard Features

- Capacities: 50,000, 100,000 and 200,000 lb (22,679.6, 45,359.4 and 90,718.7 kg)
- Protects load cell from shock and side loads
- Low-profile design
- High-strength load bearing plate made of high-grade carbon steel hardened to Rockwell C 48-54
- PTFE-coated shock absorbing pads
- Compatible with VPG® Revere CP and CSP and Rice Lake Weighing Systems' RLCSP1 NTEP Certified load cells

## Applications

- Truck scale mount\*
- Heavy-capacity horizontal tanks\*
- Railroad track mount\*

\*Check rods required



Mount only; does not include load cell.  
Picture is a representation of actual product.

The Magna Mount tank, truck and railroad scale assembly is designed for use with Rice Lake Weighing Systems' RLCSP1 or VPG Revere CP or CSP load cells. The shielded-cell load cell mounting assembly is a highly reliable design that shields the load cell from shock and side load effects, assuring accurate weighing even under adverse loading conditions.

## Dimensions

Rated Capacity	C	H	L	L1	L2	L3	L4	T	W	W1	W2	W3	W4	W5
<b>lb/in</b>														
50,000	1.25	7.39	13.00	1.75	11.25	8.50	1.37	3/4-10UNC	12.00	1.75	8.50	8.00	4.50	1.75
100,000	1.50	11.29	20.00	2.25	18.00	15.50	1.25	7/8-9UNC	17.00	2.50	12.00	9.00	5.50	1.75
200,000	2.00	14.10	26.00	5.00	19.00	16.00	1.50	1-8UNC	26.00	5.00	16.00	12.50	5.50	3.50
<b>kg/mm</b>														
22,679.6	31.8	187.7	330.2	44.5	285.8	241.3	34.8	3/4-10UNC	304.8	44.5	215.9	203.2	114.3	44.5
45,359.4	38.1	286.8	508.0	57.15	457.2	393.7	31.8	7/8-9UNC	431.8	63.5	304.8	228.6	139.7	44.5
90,718.7	50.8	358.1	660.4	127.0	482.6	406.4	38.1	1-8UNC	660.4	127.0	406.4	317.5	139.7	88.9

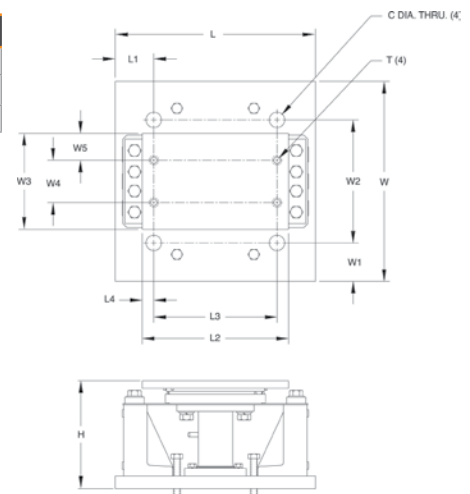
## Order Information

Load Rating (Per Module)	Part#	Price	
50,000 lb	22,679.6 kg	<b>21723</b>	\$1,595.00
100,000 lb	45,359.4 kg	<b>21724</b>	\$1,895.00
200,000 lb	90,718.7 kg	<b>17974</b>	\$2,695.00

Mount only; does not include load cell

See VPG Revere load cell model CP, and NTEP Certified load cell model CSP specifications

See Rice Lake Weighing Systems' NTEP Certified load cell model RLCSP1



## WEIGH MODULES

**Mettler Toledo™ DigiTOL® Retrofit Kit**

Stainless Steel, Rice Lake Weighing Systems/Flintec

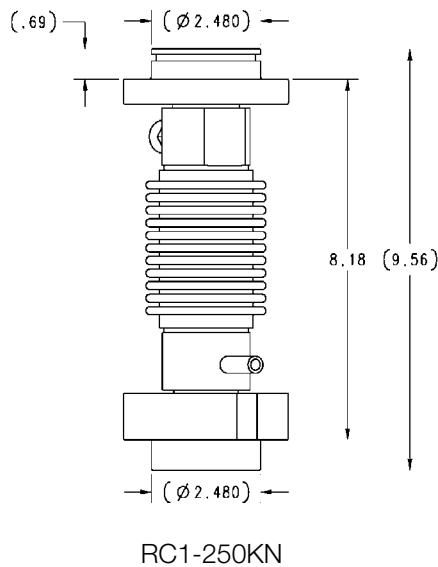
**RC1 Load Cells**

Shown here with the JB8SP signal trim junction box.  
Picture is a representation of actual product.

These kits are designed to provide a cost effective solution for replacing Toledo™ DigiTOL® digital load cells with analog load cells. The Flintec RC1 and RC3 load cells are stainless steel and hermetically sealed to provide years of trouble-free service.

**DigiTOL Retrofit Order information**

Description	Part#	Price
8 mount kit (RC1-56,000)	<b>78713</b>	\$8,795.00
10 mount kit (RC1-56,000)	<b>78714</b>	\$10,695.00
12 mount kit (RC1-56,000)	<b>152774</b>	\$13,195.00

**Standard Features**

- Stainless steel hermetically sealed load cells
- Converts existing Mettler Toledo DigiTOL scale to an analog-based load cell weighing system
- 8, 10 or 12 load cells, cups, plus junction box and home run cable
- Load cells are NTEP Certified 1:10,000 divisions, Class III L\*
- Rocker design load cells
- Load cups

**Applications**

- Toledo® DigiTOL® truck scale conversion

**Complete Kit Includes**

- One JB8SP or two JB8SP signal trim junction boxes (8 and 10 mount kit)
- Three EL304 signal trim boxes in 12 mount kits
- 8, 10 or 12 Flintec RC1-250 KN load cells with upper and lower load cups
- 100 ft of hostile environment EL147HE SURVIVOR® load cell cable
- Cups included

**Warranty**

- One-year limited warranty

**Load Cell Certifications**

\*Consult your local Weights & Measures Authorities for local Legal for Trade requirements



# Mettler Toledo™ DigiTOL® Retrofit Kit

Stainless Steel, Rice Lake Weighing Systems/Flintec

## RC3 Load Cells



### Standard Features

- Stainless steel, hermetically sealed load cells
- Converts existing Mettler Toledo DigiTOL scale to an analog-based load cell weighing system
- 8 or 10 load cells, cups, plus junction box and home run cable
- Load cells are NTEP Certified 1:10,000 divisions, Class III L\*
- Rocker design load cells
- Load cups

### Applications

- Toledo DigiTOL truck scale conversion

### Complete Kit Includes

- Kits include two or three JB304A or JB8SP junction boxes
- 8, 10 or 12 Flintec RC3
- 100 ft of hostile environment EL147HE SURVIVOR® load cell cable
- Cups included

### Warranty

- One-year limited warranty

### Load Cell Certifications



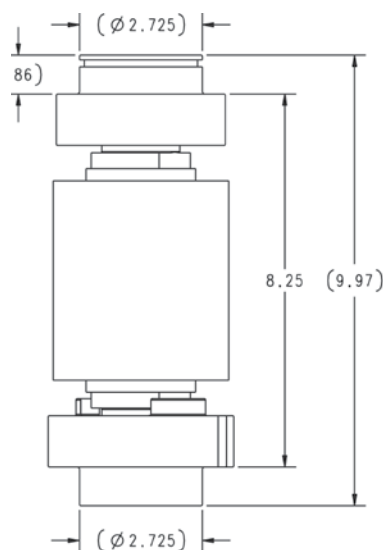
\*Consult your local Weights & Measures Authorities for local Legal for Trade requirements

Shown here with the JB8SP signal trim junction box  
Picture is a representation of actual product

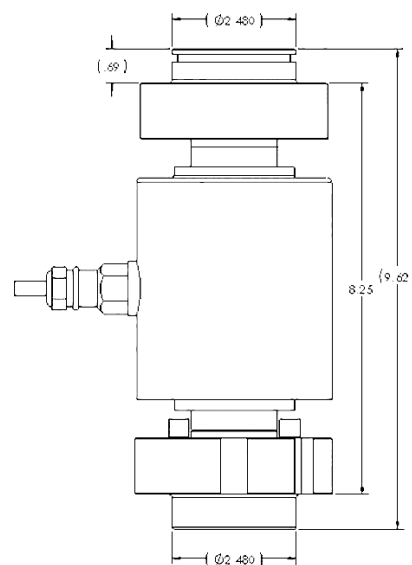
This kit is designed to provide a cost effective solution for replacing Mettler Toledo™ DigiTOL® digital load cells with analog load cells. The Flintec® RC3 load cell is stainless steel and hermetically sealed to provide years of trouble-free service.

### DigiTOL Retrofit Order information

Description	Part#	Price
8 mount kit (RC3-50T) RR/track	<b>129844</b>	\$11,995.00
8 mount (RC3-50T) truck	<b>154347</b>	\$11,995.00
10 mount kit (RC3-50T) RR/track	<b>111367</b>	\$14,795.00
10 mount kit (RC3-50T) truck	<b>154348</b>	\$14,795.00
12 mount kit (RC3-50T) truck	<b>154349</b>	\$17,185.00



RC3-50t



## Electronic Floor Scale Underdeck Kits



### Alloy Steel Load Cells

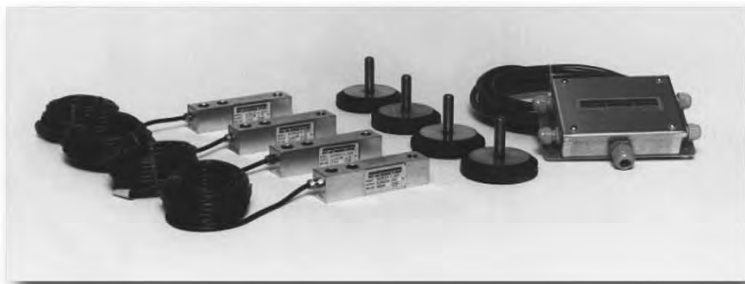
#### Industrial Applications

##### Kit Includes

- (4) VPG Celtron® SQB load cells
- (1) JB4SS stainless steel NEMA Type 4X junction box
- (4) Surefoot® high-accuracy stainless steel support feet
- 20 ft (6.1 m) EL147HE load cell cable
- (4) mounting plates and (8) load cell bolts

### Order Information

Load Cell/Base Capacity		Part #	Price
<b>Kit Includes VPG Celtron SQB Load Cells</b>			
1,000 lb for 2,000 lb base	453.6 kg for 907.2 kg base	<b>26436</b>	\$925.00
2,500 lb for 5,000 lb base	1,134.0 kg for 2,268.0 kg base	<b>26437</b>	\$925.00
4,000 lb for 10,000 lb base	1,814.4 kg for 4,535.9 kg base	<b>26438</b>	\$925.00



### Alloy Steel NTEP Certified Load Cells

#### High-Precision Applications

##### Kit Includes

- (4) RL35023 alloy steel NTEP Certified 5,000d, Class III load cells
- (1) JB4SS stainless steel NEMA Type 4X junction box
- (4) Surefoot high-accuracy stainless steel support feet
- 20 ft (6.1 m) EL147HE load cell cable
- (4) mounting plates and (8) load cell bolts

*NOTES: For complete load cell specifications, see RL35023*

*The use of NTEP Certified load cells in a scale base does not constitute approval of the completed base. Consult with local or state jurisdiction for compliance requirements.*

### Order Information

Load Cell/Base Capacity (Per Module)		Part #	Price
<b>Kit Includes RL35023 Alloy Steel NTEP Certified Load Cells</b>			
1,000 lb for 2,000 lb base	453.6 kg for 907.2 kg base	<b>19032</b>	\$1,000.00
2,500 lb for 5,000 lb base	1,134.0 kg for 2,268.0 kg base	<b>19033</b>	\$1,000.00
4,000 lb for 10,000 lb base	1,814.4 kg for 4,535.9 kg base	<b>19034</b>	\$1,000.00

# Electronic Floor Scale Underdeck Kits



Scale Underdeck kits are provided to meet the application needs of the electronic floor scale producer and are an easy source for rebuilding existing floor scales. Underdeck kits are provided with mounting plates and load cell bolts for easy installation.

## Stainless Steel Load Cells

### Chemical, Dry Corrosive & Non-washdown Applications

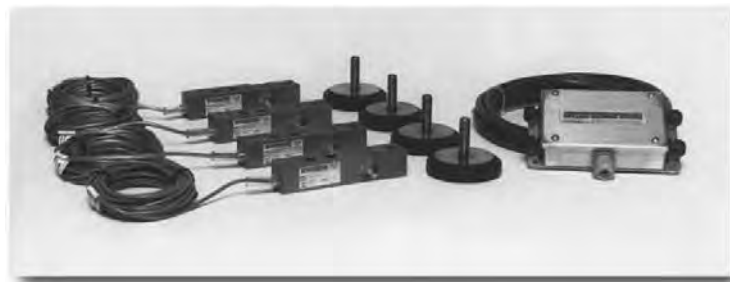
#### Kit Includes

- (4) VPG Celtron SQB-HSS stainless steel load cells
- (1) JB4SS stainless steel NEMA Type 4X junction box
- (4) Surefoot high-accuracy stainless steel support feet
- 20 ft (6.1 m) EL147HE load cell cable
- (4) mounting plates and (8) load cell bolts

*NOTE: For complete load cell specifications, see SQB-HSS*

## Order Information

Load Cell/Base Capacity		Part #	Price
<b>Kit Includes VPG Celtron SQB-HSS Stainless Steel Load Cells</b>			
1,000 lb for 2,000 lb base	453.6 kg for 907.2 kg base	<b>19035</b>	\$1,300.00
2,500 lb for 5,000 lb base	1,134.0 kg for 2,268.0 kg base	<b>19036</b>	\$1,300.00
4,000 lb for 10,000 lb base	1,814.4 kg for 4,535.9 kg base	<b>19037</b>	\$1,300.00



## Welded-Seal Stainless Steel Load Cells

### Wet Corrosive Applications

#### Kit Includes

- (4) RL35083 welded-seal stainless steel load cells
- (1) JB4SS stainless steel NEMA Type 4X junction box
- (4) Surefoot high-accuracy stainless steel support feet
- 20 ft (6.1 m) EL147HE load cell cable
- (4) mounting plates and (8) load cell bolts

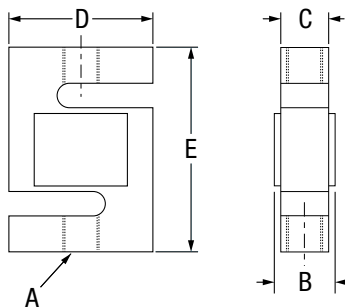
*NOTE: For complete load cell specifications, see RL35083*

## Order Information

Load Cell/Base Capacity (Per Module)		Part #	Price
<b>Kit Includes RL35083 Welded-Seal Load Cells</b>			
1,000 lb for 2,000 lb base	453.6 kg for 907.2 kg base	<b>19038</b>	\$1,610.00
2,500 lb for 5,000 lb base	1,134.0 kg for 2,268.0 kg base	<b>19039</b>	\$1,610.00
4,000 lb for 10,000 lb base	1,814.4 kg for 4,535.9 kg base	<b>19040</b>	\$1,610.00

# RL20000

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 III/1:10,000 IIIL, IP67



Picture is a representation of actual product

## Dimensions

Rated Capacity	A	B	C	D	E
<b>lb/in</b>					
25-300	1/4-28 UNF	0.75	0.50	2.00	2.50
500-1,500	1/2-20 UNF	1.00	0.75	2.00	2.50
2,000-2,500	1/2-20 UNF	1.25	1.00	2.00	2.50
3,000	1/2-20 UNF	1.25	1.00	3.00	4.00
5,000-10,000	3/4-16 UNF	1.25	1.00	3.00	4.00
15,000	1-12 UNF	1.50	1.25	4.00	5.50
20,000	1 1/4-12 UNF	2.25	2.00	5.00	7.00
<b>kg/mm</b>					
11.3-136.1	1/4-28 UNF	19.1	12.7	50.8	63.5
226.8-680.4	1/2-20 UNF	25.4	19.1	50.8	63.5
907.2-1,134.0	1/2-20 UNF	31.8	25.4	50.8	63.5
1,360.8	1/2-20 UNF	31.8	25.4	76.2	101.6
2,268.0-4,535.9	3/4-16 UNF	31.8	25.4	76.2	101.6
6,803.9	1-12 UNF	38.1	31.8	101.6	139.7
9,071.9	1 1/4-12 UNF	57.2	50.8	127.0	177.8

## Order Information

Load Rating		Part#	Est. Weight	Price
25 lb	11.3 kg	21428	2 lb	\$275.00
50 lb	22.7 kg	21429	2 lb	\$275.00
75 lb	34.0 kg	21430	2 lb	\$275.00
100 lb	45.4 kg	21431	2 lb	\$275.00
150 lb	68.0 kg	21432	2 lb	\$275.00
200 lb	90.7 kg	21433	2 lb	\$275.00
250 lb	113.4 kg	21434	2 lb	\$275.00
300 lb	136.1 kg	21435	2 lb	\$275.00
500 lb	226.8 kg	21436	2 lb	\$275.00
750 lb	340.2 kg	21437	2 lb	\$275.00
1,000 lb	453.6 kg	21438	2 lb	\$275.00
1,500 lb	680.4 kg	21439	2 lb	\$275.00
2,000 lb***	35 ft cable	21356	2 lb	\$338.00
2,000 lb	907.2 kg	21440	2 lb	\$275.00
2,500 lb	1,134.0 kg	21441	2 lb	\$275.00
3,000 lb	1,360.8 kg	21442	4 lb	\$315.00
5,000 lb***	30 ft cable	17044	4 lb	\$476.00
5,000 lb	2,268.0 kg	21443	4 lb	\$440.00
10,000 lb	4,535.9 kg	21444	4 lb	\$440.00
15,000 lb	6,803.9 kg	21445	7 lb	\$555.00
20,000 lb***	30 ft cable	17045	17 lb	\$937.00
20,000 lb	9,071.9 kg	21446	17 lb	\$875.00
<b>Conduit Adapter Kit* (must be factory installed to maintain warranty)</b>				
3/8-24 nipple		31533*	1 lb	\$33.00
3/8-24 to 1/4-18 NPT		31534*	1 lb	\$33.00
<b>Replacement Agriculture Scale Load Cell - 40 ft Cable</b>				
10,000 lb	4,535.9 kg	151746	5 lb	\$465.00

\*PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit

\*\*\*These load cells have 30 ft or 35 ft of cable and trimmed outputs and are used in many batch plants

## Interchangeable Products

ARTECH®  
**20210 (1-14 UNF)** (15,000 lb thread is 1-12 UNF for Rice Lake model)

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**ITCM**  
**Isolated Tension Cell Mount**

## Specifications

- Full Scale Output:** 3.0 mV/V
- Output Resistance:** 350 (± 3) ohm
- Input Resistance:** 385 (± 5) ohm
- Material/Finish:** High-alloy steel, nickel plated
- Temperature:** Compensated range: 14° F to 104° F/-10° C to 40° C  
Operating range: -40° F to 150° F/-40° C to 65° C
- Seal Type:** Environmentally sealed, IP67
- Safe Overload:** 150% full scale
- Rated Excitation:** 5-10 VDC (15 V maximum)
- Combined Error:** 0.02%
- Insulation Resistance:** 5,000 megohms
- Cable Length:** 20 ft (6.1 m)
- Cable Diameter:** 0.200 polyurethane jacket
- Cable Color Code:** Red .....+ Excitation  
Black.....- Excitation  
Green .....+ Signal  
White .....- Signal
- Warranty:** Two-year limited warranty

### Approvals:



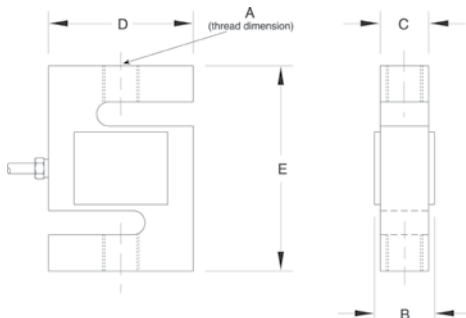
Stainless Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class III Single Cell, IP67

**Interchangeable Products**

VPG REVERE®  
**9363**  
 ARTECH®  
**SS2010**

**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS  
**ITCM**  
**Isolated Tension Cell**  
**Mount**



Picture is a representation of actual product

**Specifications**

- Full Scale Output:**  
3.0 (± 0.008) mV/V
- Output Resistance:**  
350 (± 3.5) ohm
- Input Resistance:**  
390 (± 15) ohm
- Material/Finish:**  
Stainless steel
- Temperature:**  
Compensated range  
14° F to 104° F / -10° C to 40° C  
Operating range  
-40° F to 150° F / -40° C to 65° C
- Seal Type:**  
Environmentally sealed, IP67
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5-10 VDC (15 V maximum)
- Nonlinearity:**  
0.03% full scale
- Hysteresis:**  
0.03% full scale
- Insulation Resistance:**  
5,000 megohms

- Cable Length:**  
20 ft (6.1 m)
- Cable Color Code:**  
Red .....+ Excitation  
Black.....- Excitation  
Green .....+ Signal  
White .....- Signal

**Warranty:**  
Two-year limited warranty

**Approvals:**



**Dimensions**

Rated Capacity	A	B	C	D	E
<b>lb/in</b>					
50-300	1/4-28 UNF	0.65	0.46	2.00	2.40
500-1,000	1/2-20 UNF	0.90	0.71	2.00	2.40
2,500	1/2-20 UNF	1.15	0.96	2.00	2.40
3,000	1/2-20 UNF	1.15	0.96	3.00	3.90
5,000	3/4-16 UNF	1.15	0.96	3.00	3.90
10,000	3/4-16 UNF	1.40	1.21	3.00	3.90
15,000	1-14 UNS	1.63	1.46	3.44	5.50
20,000	1 1/4-12 UNF	1.88	1.68	4.44	7.00
<b>kg/mm</b>					
22.7-136.0	1/4-28 UNF	16.5	11.7	50.8	61.0
226.8-453.6	1/2-20 UNF	22.9	18.0	50.8	61.0
1134.0	1/2-20 UNF	29.2	24.4	50.8	61.0
1360.8	1/2-20 UNF	29.2	24.4	76.2	99.1
2268.0	3/4-16 UNF	29.2	24.4	76.2	99.1
4535.9	3/4-16 UNF	35.7	30.7	76.2	99.1
6803.9	1-14 UNS	41.4	37.1	87.4	139.7
9071.9	1 1/4-12 UNF	47.8	42.8	112.8	177.8

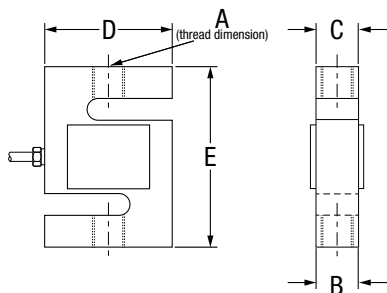
**Order Information**

Load Rating	Part#	Est. Weight	Price
<b>NTEP Certified</b>			
100 lb	45.4 kg	<b>46511</b>	2 lb \$295.00
250 lb	113.4 kg	<b>46503</b>	2 lb \$295.00
300 lb	136.0 kg	<b>181826</b>	2 lb \$295.00
500 lb	226.8 kg	<b>46504</b>	2 lb \$295.00
750 lb	340.2 kg	<b>46505</b>	2 lb \$295.00
1,000 lb	453.6 kg	<b>46506</b>	2 lb \$295.00
2,500 lb	1,134.0 kg	<b>46507</b>	2 lb \$295.00
3,000 lb	1,360.8 kg	<b>46508</b>	4 lb \$325.00
5,000 lb	2,268.0 kg	<b>46509</b>	4 lb \$475.00
10,000 lb	4,535.9 kg	<b>46510</b>	4 lb \$495.00
<b>Non-NTEP Certified</b>			
50 lb	22.7 kg	<b>17013</b>	2 lb \$295.00
15,000 lb	6,804.0 kg	<b>158375</b>	7 lb \$675.00
20,000 lb	9,072.0 kg	<b>158376</b>	13 lb \$895.00
<b>Conduit Adapter Kit* (must be factory installed to maintain warranty)</b>			
3/8-24 nipple		<b>31533*</b>	1 lb \$33.00
3/8-24 to 1/4-18 NPT		<b>31534*</b>	1 lb \$33.00

\* PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit

# RL2000ST

Stainless Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class III Single Cell, IP67



## Specifications

- Full Scale Output:**  
3.0mV/V
- Output Resistance:**  
350 (±3.5) ohm
- Input Resistance:**  
430 (± 60) ohm
- Material/Finish:**  
Stainless steel
- Seal Type:**  
Environmentally sealed, IP67
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5-10 VDC (15 V maximum)
- Nonlinearity:**  
0.03% full scale
- Hysteresis:**  
0.03% full scale
- Insulation Resistance:**  
5,000 megohms
- Temperature:**  
Compensated range  
14° F to 104° F/-10° C to 40° C  
Operating range  
-40° F to 150° F/-40° C to 65° C
- Cable Length:**  
20 ft (6.1 m)
- Cable Diameter:**  
0.190 polyurethane jacket
- Cable Color Code:**  
Red .....+ Excitation  
Black.....- Excitation  
Green .....+ Signal  
White .....- Signal

## Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E
<b>lb/in</b>					
50-300	1/4-28 UNF	0.65	0.46	2.00	2.40
500-1,000	1/2-20 UNF	0.90	0.71	2.00	2.40
1,500-2,500	1/2-20 UNF	1.15	0.96	2.00	2.40
3,000	1/2-20 UNF	1.15	0.96	3.00	3.90
5,000	3/4-16 UNF	1.15	0.96	3.00	3.90
<b>kg/mm</b>					
22.7-136.0	1/4-28 UNF	16.5	11.7	50.8	60.9
226.8-453.6	1/2-20 UNF	22.9	18.0	50.8	60.9
680.4-1,134	1/2-20 UNF	29.2	24.4	50.8	60.9
1,360.8	1/2-20 UNF	29.2	24.4	76.2	99.1
2,268.0	3/4-16 UNF	29.2	24.4	76.2	99.1

## Order Information

Load Rating		Part#	Est. Weight	Price
50 lb	22.7 kg	<b>72741</b>	2 lb	\$315.00
100 lb	45.4 kg	<b>72742</b>	2 lb	\$315.00
200 lb	90.72 kg	<b>72743</b>	2 lb	\$315.00
250 lb	113.4 kg	<b>72744</b>	2 lb	\$315.00
300 lb	136.0 kg	<b>72745</b>	2 lb	\$315.00
500 lb	226.8 kg	<b>72746</b>	2 lb	\$315.00
750 lb	340.2 kg	<b>72747</b>	2 lb	\$315.00
1,000 lb	453.6 kg	<b>72748</b>	2 lb	\$315.00
1,500 lb	680.4 kg	<b>72749</b>	2 lb	\$315.00
2,000 lb	907.2 kg	<b>72750</b>	2 lb	\$315.00
2,500 lb	1,134.0 kg	<b>72751</b>	2 lb	\$315.00
3,000 lb	1,360.8 kg	<b>72752</b>	4 lb	\$415.00
5,000 lb	2,268.0 kg	<b>72753</b>	4 lb	\$515.00
<b>Conduit Adapter Kit* (must be factory installed to maintain warranty)</b>				
3/8-24 nipple		<b>31533*</b>	1 lb	\$33.00
3/8-24 to 1/4-18 NPT		<b>31534*</b>	1 lb	\$33.00

\*PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit.

**Warranty:**  
Two-year limited warranty

### Approvals:

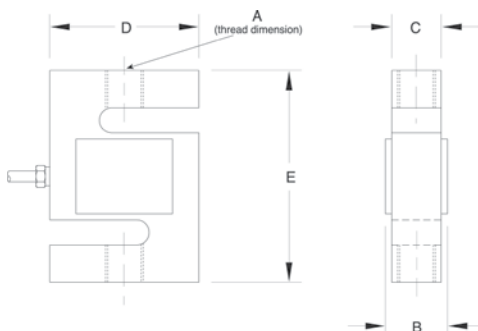


**Interchangeable Products**

VPG CELTRON®  
**STC**  
 VPG SENSORTRONICS®  
**60001**

**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS  
**ITCM**  
**Isolated Tension Cell**  
**Mount**



Picture is a representation of actual product

**Specifications**

- Full Scale Output:**  
3.0 mV/V
- Output Resistance:**  
350 (± 3) ohm
- Input Resistance:**  
385 (± 5) ohm
- Material/Finish:**  
High-alloy steel, nickel plated
- Temperature:**  
Compensated range  
14° F to 104° F / -10° C to 40° C  
Operating range  
-40° F to 150° F / -40° C to 65° C
- Seal Type:**  
Environmentally sealed, IP67
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5-10 VAC/DC (15 V maximum)
- Nonlinearity:**  
0.03% full scale
- Hysteresis:**  
0.02% full scale
- Insulation Resistance:**  
5,000 megohms
- Cable Length:**  
20 ft (6.1 m)
- Cable Diameter:**  
200 polyurethane jacket
- Cable Color Code:**  
Red .....+ Excitation  
Black.....- Excitation  
Green.....+ Signal  
White .....- Signal
- Warranty:**  
Two-year limited warranty



**Dimensions**

Rated Capacity	A	B	C	D	E
<b>lb/in</b>					
250	3/8-24 UNF	0.75	0.50	2.00	3.00
500-2,000	1/2-20 UNF	1.00	0.75	2.00	3.00
2,500-3,000	1/2-20 UNF	1.25	1.00	2.00	3.00
5,000	3/4-16 UNF	1.25	1.00	3.00	4.25
10,000	3/4-16 UNF	1.25	1.00	3.50	4.75
15,000	1-14 UNS	1.50	1.25	4.00	5.50
20,000	1 1/4-12 UNF	2.25	2.00	5.00	7.00
<b>kg/mm</b>					
113.4	3/8-24 UNF	19.1	12.7	50.8	76.2
226.8-907.2	1/2-20 UNF	25.4	19.1	50.8	76.2
1,134.0-1,360.8	1/2-20 UNF	31.8	25.4	50.8	76.2
2,268.0	3/4-16 UNF	31.8	25.4	76.2	108.8
4,535.9	3/4-16 UNF	31.8	25.4	88.9	120.7
6,803.9	1-14 UNS	38.1	31.8	101.6	139.7
9,071.9	1 1/4-12 UNF	57.2	50.8	127.0	177.8

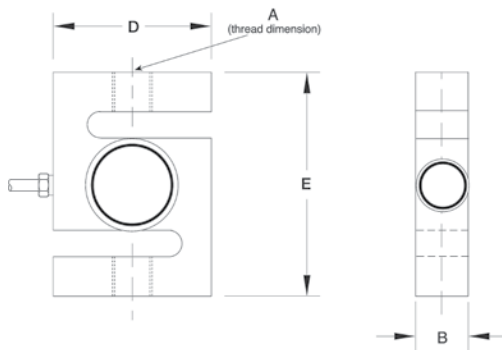
**Order Information**

Load Rating	Part#	Est. Weight	Price
250 lb	21402	2 lb	\$275.00
500 lb	21403	2 lb	\$275.00
750 lb	21404	2 lb	\$275.00
1,000 lb	21405	2 lb	\$275.00
1,500 lb	21406	2 lb	\$275.00
2,000 lb	21407	3 lb	\$275.00
2,500 lb	21408	4 lb	\$275.00
3,000 lb	21409	3 lb	\$315.00
5,000 lb	21410	4 lb	\$440.00
10,000 lb	21411	5 lb	\$440.00
15,000 lb	21412	7 lb	\$555.00
20,000 lb	21413	16 lb	\$875.00
<b>Conduit Adapter Kit* (must be factory installed to maintain warranty)</b>			
3/8-24 nipple	31533*	1 lb	\$33.00
3/8-24 to 1/4-18 NPT	31534*	1 lb	\$33.00

\*PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit

# RL20001HE

Stainless Steel, NTEP Certified 1:5,000 Class III/1:10,000 Class IIIIL Single Cell, Welded Seal, IP68



## Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	D	E
lb/in				
500-3,000	1/2-20 UNF	1.00	2.00	3.00
5,000-10,000	3/4-16 UNF	1.00	3.50	4.75
kg/mm				
226.8-1,360.8	1/2-20 UNF	25.4	50.8	76.2
2,268.0-4,535.9	3/4-16 UNF	25.4	88.9	120.7

## Order Information

Load Rating		Part #	Est. Weight	Price
<b>NTEP Certified</b>				
500 lb	226.8 kg	46469	2 lb	\$850.00
750 lb	340.2 kg	46470	2 lb	\$850.00
1,000 lb	453.6 kg	46471	2 lb	\$850.00
1,500 lb	680.4 kg	46472	2 lb	\$850.00
2,000 lb	907.2 kg	46473	2 lb	\$850.00
2,500 lb	1,134.0 kg	46474	2 lb	\$850.00
3,000 lb	1,360.8 kg	46475	2 lb	\$850.00
5,000 lb	2,268.0 kg	46476	5 lb	\$1,135.00
<b>Non-NTEP Certified</b>				
10,000 lb	4,535.9 kg	36292	5 lb	\$1,135.00

## Interchangeable Products

VPG SENSORTRONICS®  
**60063**

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**ITCM**  
**Isolated Tension Cell**  
**Mount**

## Specifications

### Full Scale Output:

2.0 mV/V

### Bridge Resistance:

350 ohm, nominal

### Material/Finish:

Stainless steel

### Safe Overload:

150% full scale

### Rated Excitation:

5-10 VDC (15 V maximum)

### Temperature:

Compensated range  
14° F to 104° F/-10° C to 40° C  
Operating range  
-40° F to 150° F/-40° C to 65° C

### Nonlinearity:

0.03% full scale

### Hysteresis:

0.02% full scale

### Insulation Resistance:

5,000 megohms

### Seal Type:

Welded seal, IP68

### Cable Length:

20 ft (6.1 m)

### Cable Diameter:

0.200 polyurethane jacket

### Cable Color Code:

Red .....+ Excitation  
Black.....- Excitation  
Green .....+ Signal  
White .....- Signal

### Warranty:

Two-year limited warranty

### Approvals:





## Specifications

**Full Scale Output:**
3.0 ( $\pm$  0.25%) mV/V
**Bridge Resistance:**

350 ohm, nominal

**Material/Finish:**

Alloy steel

**Temperature:**

Compensated range

14° F to 104° F / -10° C to 40° C

Operating range

-40° F to 150° F / -40° C to 65° C

**Seal Type:**

Environmentally sealed, IP67

**Safe Overload:**

150% full scale

**Rated Excitation:**

5-10 VAC/DC (15V maximum)

**Combined Error:**

0.02% full scale

**Insulation Resistance:**

5,000 megohms

**Cable Length:**

6 m (19.7 ft)

**Cable Diameter:**

0.200 polyurethane jacket

**Cable Color Code:**

Red .....+ Excitation

Black.....- Excitation

Green .....+ Signal

White .....- Signal

**Warranty:**

Two-year limited warranty

**Approvals:**

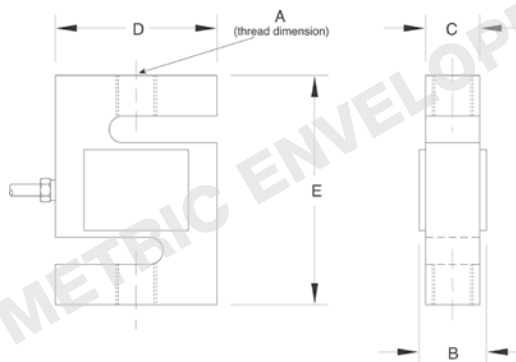

## Dimensions

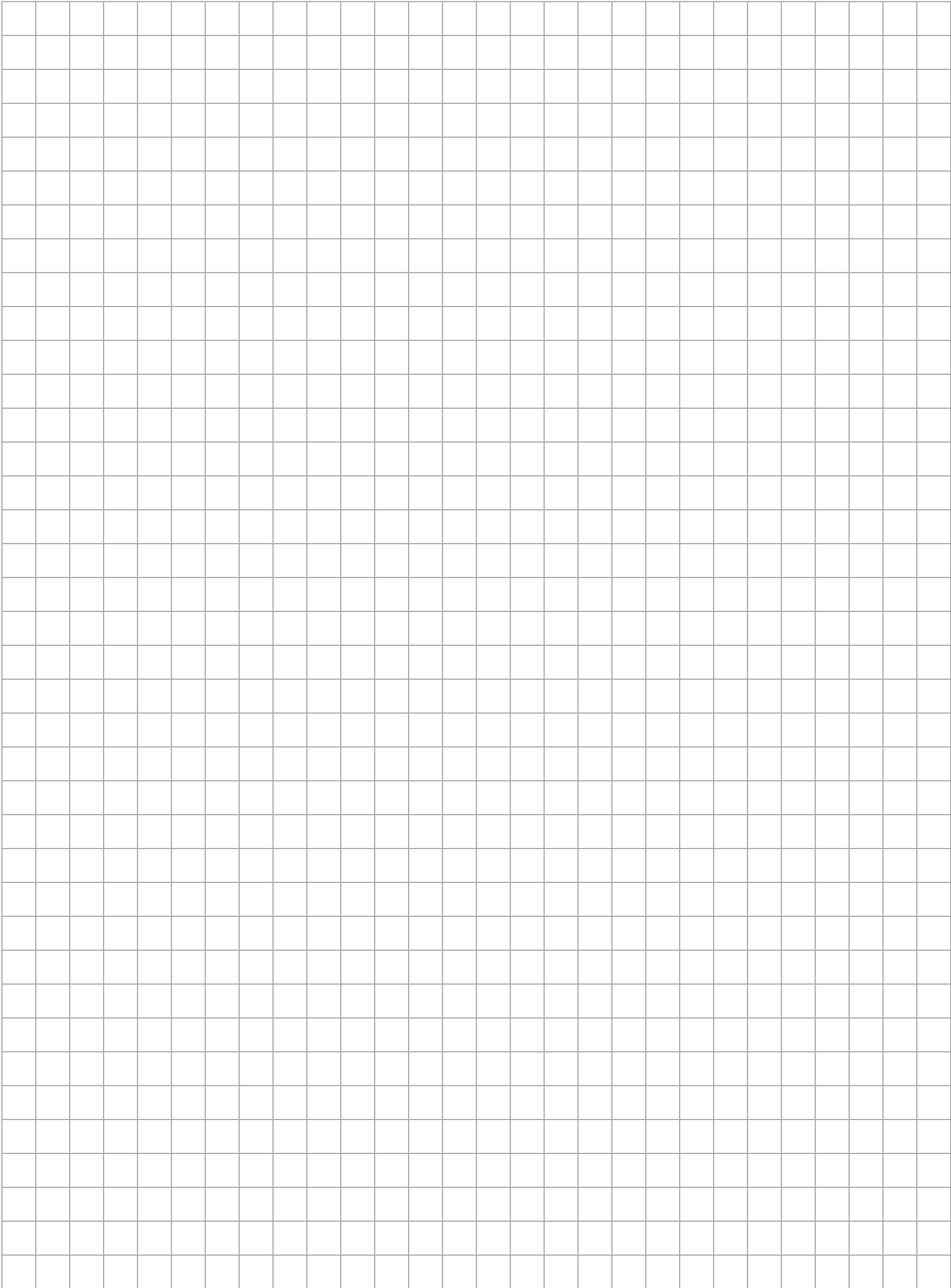
Picture is a representation of actual product

Rated Capacity	A	B	C	D	E
<b>kg/mm</b>					
250-1,000	M12 x 1.75-6H	25.4	19.1	50.8	76.0
2,500	M20 x 1.5-6H	31.8	25.4	76.2	108.0
<b>lb/in</b>					
551.2-2,205.0	M12 x 1.75-6H	1.00	0.75	2.00	3.00
5,512.5	M20 x 1.5-6H	1.25	1.00	3.00	4.25

## Order Information

Load Rating	Part#	Est. Weight	Price	
250 kg	551.2 lb	<b>31254</b>	2 lb	\$295.00
500 kg	1,102.3 lb	<b>31255</b>	2 lb	\$295.00
1,000 kg	2,205.0 lb	<b>31256</b>	2 lb	\$295.00
2,500 kg	5,512.5 lb	<b>31257</b>	3 lb	\$460.00



A large grid of empty cells, likely for data entry or calculations. The grid consists of 20 columns and 30 rows of small squares.

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP66

**Interchangeable Products**

RICE LAKE WEIGHING SYSTEMS

**RL35023**

VPG SENSORTRONICS®

**65023A**

VPG CELTRON®

**SQB**

**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

**RL50210TA**

RICE LAKE WEIGHING SYSTEMS

**RL1800 Series**



**Specifications**

**Full Scale Output:**

3.0 mV/V

**Output Resistance:**

350 (± 3) ohm

**Input Resistance:**

400 (± 20) ohm

**Material/Finish:**

Alloy steel, nickel plated

**Temperature:**

Compensated range: -14° F to 104° F / -10° C to 40° C

Operating range: -22° F to 158° F / -30° C to 70° C

**Seal Type:**

Environmentally sealed, IP66

**Safe Overload:**

150% full scale

**Safe Sideload:**

100% full scale

**Rated Excitation:**

10 VDC (15 V maximum)

**Combined Error:**

0.017% full scale

**Insulation Resistance:**

>5,000 megohms

**Cable Length:**

20 ft (6.1 m)

**Cable Color Code:**

Red .....+ Excitation

Black.....- Excitation

Green .....+ Signal

White .....- Signal

**Warranty:**

Two-year limited warranty

**Approvals:**



**Dimensions**

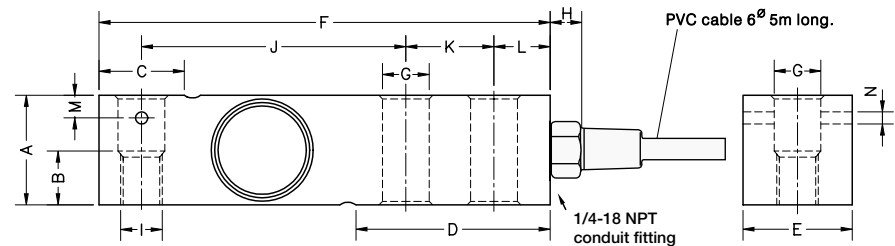
Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
<b>lb/in</b>														
250-4,000	1.24	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000-10,000	1.88	-	1.45	2.99	1.63	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	-	-
15,000-20,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>kg/mm</b>														
113.4-1,814.4	31.5	15	24.6	56	31.5	130	13.5	18	1/2-20 UNF	76.2	25.4	15.8	6.5	3.5
2,268-4,535.9	48	-	37	76	41.5	171.5	20.5	18	3/4-16 UNF	95.2	38.1	19	-	-
6,803.9-9,071.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Call Rice Lake for additional information

**Order Information**

Load Rating	Part#	Est. Weight	Price
250 lb	189150	2 lb	\$295.00
500 lb	189151	2 lb	\$295.00
1,000 lb	189152	2 lb	\$295.00
1,500 lb	191732	2 lb	\$295.00
2,000 lb	189153	2 lb	\$295.00
2,500 lb	189154	2 lb	\$295.00
3,000 lb	189155	5 lb	\$295.00
4,000 lb	189156	5 lb	\$295.00
5,000 lb SE	189157	5 lb	\$295.00
5,000 lb LE	189158	5 lb	\$375.00
10,000 lb	189159	5 lb	\$375.00
15,000 lb	189160	10 lb	\$645.00
20,000 lb	189161	10 lb	\$645.00



# NEW

SINGLE-ENDED BEAM

## RL32018S

Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP66



LOAD CELLS / WEIGH MODULES

### Dimensions

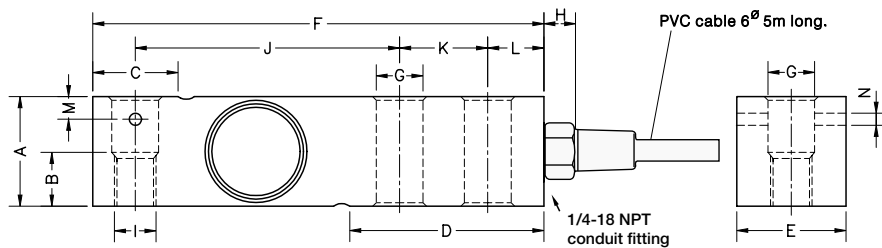
Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
<b>lb/in</b>														
250-4,000	1.24	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000-10,000	1.88	-	1.45	2.99	1.63	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	-	-
15,000-20,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>kg/mm</b>														
113.4-1,814.4	31.5	15	24.6	56	31.5	130	13.5	18	1/2-20 UNF	76.2	25.4	15.8	6.5	3.5
2,268-4,535.9	48	-	37	76	41.5	171.5	20.5	18	3/4-16 UNF	95.2	38.1	19	-	-
6,803.9-9,071.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Call Rice Lake for additional information

### Order Information

Load Rating		Part #	Est. Weight	Price
250 lb	113.4 kg	<b>189162</b>	3 lb	\$325.00
500 lb	226.8 kg	<b>189163</b>	3 lb	\$325.00
1,000 lb	453.6 kg	<b>189164</b>	3 lb	\$325.00
2,000 lb	907.2 kg	<b>189165</b>	3 lb	\$325.00
2,500 lb	1,134 kg	<b>189166</b>	3 lb	\$325.00
4,000 lb	1,814.4 kg	<b>189167</b>	3 lb	\$325.00
5,000 lb SE	2,268 kg	<b>189168</b>	3 lb	\$325.00
5,000 lb LE	2,268 kg	<b>189169</b>	5 lb	\$415.00
10,000 lb	4,535.9 kg	<b>189170</b>	5 lb	\$415.00
15,000 lb	6,803.9 kg	<b>189171</b>	10 lb	\$695.00
20,000 lb	9,071.8 kg	<b>189172</b>	10 lb	\$695.00



### Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

**RL35023S**

VPG SENSORTRONICS®

**65023S**

VPG SENSORTRONICS®

**65023SS**

VPG CELTRON®

**SQB-HSS**

### Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**RL50210TA**

RICE LAKE WEIGHING SYSTEMS

**RL1800 Series**

### Specifications

**Full Scale Output:**

3.0 mV/V

**Output Resistance:**

350 (± 3) ohm

**Input Resistance:**

400 (± 20) ohm

**Material/Finish:**

Stainless steel

**Temperature:**

Compensated range: 14° F to 104° F/-10° C to 40° C

Operating range: -40° F to 150° F/-40° C to 65° C

**Seal Type:**

Environmentally sealed, IP66

**Safe Overload:**

150% full scale

**Rated Excitation:**

10 VDC (15 V maximum)

**Combined Error:**

0.017% full scale

**Insulation Resistance:**

>5,000 megohms

**Cable Length:**

20 ft (6.1 m)

**Cable Color Code:**

Red ..... + Excitation

Black ..... - Excitation

Green ..... + Signal

White ..... - Signal

**Warranty:**

Two-year limited warranty

**Approvals:**



www.ricelake.com | Phone: 800-472-6703

RICE LAKE

**NEW**  
SINGLE-ENDED BEAM  
**RL32018S-HE**

Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP69K

**Interchangeable Products**

RICE LAKE WEIGHING SYSTEMS

**RL35083 (non-NTEP)**

VPG SENSORTRONICS®

**65083**

VPG CELTRON®

**SQB-HSS**

**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

**RL1800 Series**



**Specifications**

**Full Scale Output:**

3.0 mV/V ±0.05% current matched

**Output Resistance:**

350 (± 3) ohm

**Input Resistance:**

400 (± 20) ohm

**Material/Finish:**

Stainless steel

**Temperature:**

Compensated range: 14°F to 104°F/-10°C to 40°C

Operating range: -40°F to 150°F/-40°C to 65°C

**Seal Type:**

Hermetically sealed, IP69K

**Safe Overload:**

150% full scale

**Safe Sideload:**

100% full scale

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Combined Error:**

0.017% full scale

**Insulation Resistance:**

>5,000 megohms

**Cable Length:**

20 ft (6.1 m) PTFE

**Cable Color Code:**

Red .....+ Excitation

Black .....- Excitation

Green .....+ Signal

White .....- Signal

**Warranty:**

Two-year limited warranty

**Approvals:**



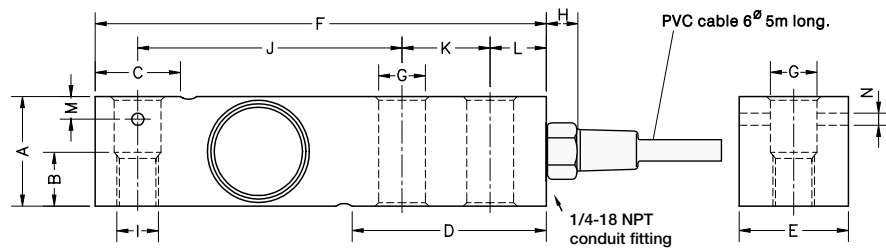
**Dimensions**

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
<b>lb/in</b>														
250-4,000	1.24	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000-10,000	1.88	-	1.45	2.99	1.63	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	-	-
<b>kg/mm</b>														
113.4-1,814.4	31.5	15	24.6	56	31.5	130	13.5	18	1/2-20 UNF	76.2	25.4	15.8	6.5	3.5
2,268-4,535.9	48	-	37	76	41.5	171.5	20.5	18	3/4-16 UNF	95.2	38.1	19	-	-

**Order Information**

Load Rating	Part#	Est. Weight	Price
250 lb	189174	3 lb	\$405.00
500 lb	189175	3 lb	\$405.00
1,000 lb	189176	3 lb	\$405.00
2,000 lb	189178	3 lb	\$405.00
2,500 lb	189179	3 lb	\$405.00
4,000 lb	189181	3 lb	\$405.00
5,000 lb	189182	5 lb	\$450.00
10,000 lb	189183	5 lb	\$450.00



LOAD CELLS / WEIGH MODULES

www.ricelake.com | Phone: 800-472-6703

**RICE LAKE**

# NEW

SINGLE-ENDED BEAM

## RL32019S-HE

Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP69K



### Interchangeable Products

RICE LAKE WEIGHING SYSTEMS  
**RL35082HE (30ft cable)**  
 VPG SENSORTRONICS®  
**65083S (20ft cable)**

### Specifications

- Full Scale Output:**  
2.0 mV/V ±0.05% current matched
- Output Resistance:**  
350 (± 3) ohm
- Input Resistance:**  
400 (± 20) ohm
- Material/Finish:**  
Stainless steel
- Temperature:**  
Compensated range: 14° F to 104° F/-10° C to 40° C  
Operating range: -40° F to 150° F/-40° C to 65° C
- Seal Type:**  
Hermetically sealed, IP69K
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5-10 VDC (15 V maximum)
- Combined Error:**  
0.017% full scale
- Insulation Resistance:**  
>5,000 megohms
- Cable Length:**  
30 ft (9.2 m) PTFE
- Cable Color Code:**  
Red .....+ Excitation  
Black.....- Excitation  
Green .....+ Signal  
White .....- Signal
- Warranty:**  
Two-year limited warranty
- Approvals:**

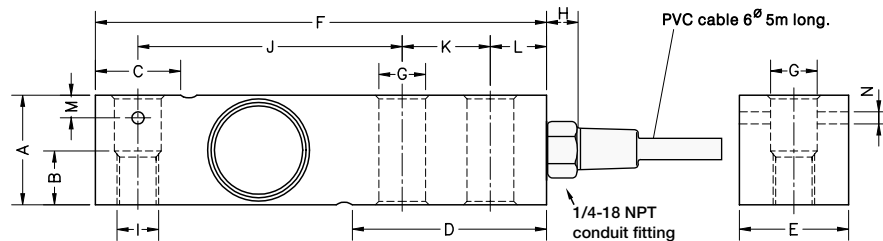
### Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
lb/in														
1,000-4,000	1.24	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000-10,000	1.88	-	1.45	2.99	1.63	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	-	-
kg/mm														
453.6-1,814.4	31.5	15	24.6	56	31.5	130	13.5	18	1/2-20 UNF	76.2	25.4	15.8	6.5	3.5
2,268-4,535.9	48	-	37	76	41.5	171.5	20.5	18	3/4-16 UNF	95.2	38.1	19	-	-

### Order Information

Load Rating	Part #	Est. Weight	Price
1,000 lb	191629	4 lb	\$455.00
2,500 lb	191630	4 lb	\$455.00
4,000 lb	191631	4 lb	\$455.00
5,000 lb	191632	6 lb	\$505.00
10,000 lb	191633	6 lb	\$505.00



**NEW**  
SINGLE-ENDED BEAM  
**RL32218S-HE**

Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP69K

**Interchangeable Products**

RICE LAKE WEIGHING SYSTEMS  
**RL35082HE**  
VPG SENSORTRONICS®  
**65083S**

**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS  
**RL50210TA**  
RICE LAKE WEIGHING SYSTEMS  
**RL1800 Series**



**Specifications**

- Full Scale Output:**  
2.0 mV/V ±0.05% current matched
- Output Resistance:**  
350 (± 3) ohm
- Input Resistance:**  
400 (± 20) ohm
- Material/Finish:**  
Stainless steel
- Temperature:**  
Compensated range: 14° F to 104° F/-10° C to 40° C  
Operating range: -40° F to 150° F/-40° C to 65° C

**Seal Type:**  
Hermetically sealed, IP69K

**Safe Overload:**  
150% full scale

**Rated Excitation:**  
5-10 VDC (15 V maximum)

**Combined Error:**  
0.017% full scale

**Insulation Resistance:**  
>5,000 megohms

**Cable Length:**  
20 ft (6.1 m) PTFE

**Cable Color Code:**  
Red .....+ Excitation  
Black.....- Excitation  
Green.....+ Signal  
White.....- Signal

**Warranty:**  
Two-year limited warranty

**Approvals:**



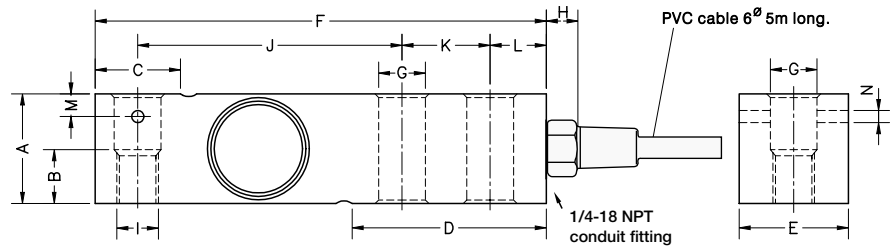
**Dimensions**

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
<b>lb/in</b>														
1,000-4,000	1.24	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000-10,000	1.88	-	1.45	2.99	1.63	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	-	-
<b>kg/mm</b>														
453.6-1,814.4	31.5	15	24.6	56	31.5	130	13.5	18	1/2-20 UNF	76.2	25.4	15.8	6.5	3.5
2,268-4,535.9	48	-	37	76	41.5	171.5	20.5	18	3/4-16 UNF	95.2	38.1	19	-	-

**Order Information**

Load Rating	Part#	Est. Weight	Price
1,000 lb	<b>191634</b>	3 lb	\$405.00
2,500 lb	<b>191635</b>	3 lb	\$405.00
4,000 lb	<b>191636</b>	3 lb	\$405.00
5,000 lb	<b>191637</b>	5 lb	\$450.00
10,000 lb	<b>191638</b>	5 lb	\$450.00



LOAD CELLS / WEIGH MODULES

www.ricelake.com | Phone: 800-472-6703

**RICE LAKE**

**NEW**  
SINGLE-ENDED BEAM  
**RL9018SS**

Stainless Steel, Hermetically Sealed, NTEP Certified 1:4,000S/1:5,000M, OIML C3, IP68



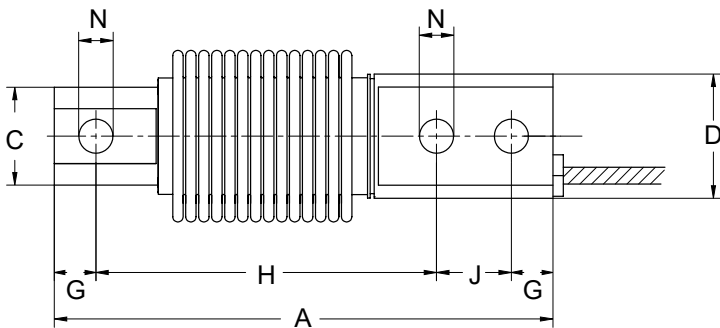
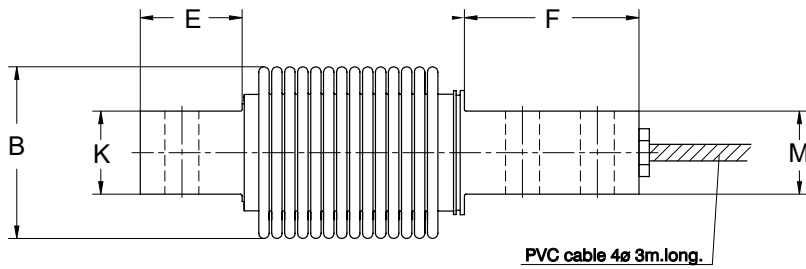
**Dimensions**

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	J	K	M	N
kg/mm												
5-500	120.0	41.5	23.5	30.0	24.5	42.0	10.0	82.0	18.0	20.0	20.0	8.2
lb/in												
11-1,102	4.72	1.63	0.93	1.18	0.96	1.65	0.39	3.23	0.71	0.79	0.79	0.32

**Order Information**

Load Rating	Part#	Est. Weight	Price
5 kg	11 lb	<b>188691</b>	2 lb \$495.00
10 kg	22 lb	<b>188692</b>	2 lb \$495.00
20 kg	44.1 lb	<b>188693</b>	2 lb \$495.00
30 kg	66.1 lb	<b>188694</b>	2 lb \$495.00
50 kg	110.2 lb	<b>188702</b>	2 lb \$495.00
75 kg	165.3 lb	<b>188695</b>	2 lb \$495.00
100 kg	220.5 lb	<b>188696</b>	2 lb \$495.00
200 kg	440.9 lb	<b>188697</b>	2 lb \$495.00
250 kg	551.2 lb	<b>188698</b>	2 lb \$495.00
300 kg	661.4 lb	<b>188699</b>	2 lb \$495.00
500 kg	1,102.3 lb	<b>188700</b>	2 lb \$495.00



**Interchangeable Products**

RICE LAKE WEIGHING SYSTEMS  
**RLHBB**  
VPG TEDEA®  
**355**

**Specifications**

- Full Scale Output:** 2.0 mV/V ±10% current matched
- Output Resistance:** 350 (± 3) ohm
- Input Resistance:** 400 (± 20) ohm
- Material/Finish:** Stainless steel
- Temperature:** Compensated range: 14° F to 104° F/-10° C to 40° C  
Operating range: -40° F to 150° F/-30° C to 70° C
- Seal Type:** Hermetically sealed, IP68
- Safe Overload:** 150% full scale
- Rated Excitation:** 5-10 VDC (15 V maximum)
- Combined Error:** 0.017% full scale
- Insulation Resistance:** >5,000 megohms
- Cable Length:** 3 m (9.8 ft)
- Cable Material:** PVC
- Cable Color Code:**  
Green ..... + Excitation  
Black ..... - Excitation  
Red ..... + Signal  
White ..... - Signal
- Warranty:** Two-year limited warranty
- Approvals:**





# RL30000 Threaded Hole

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 IIII Class III Multiple Cell, IP67

## Interchangeable Products

VPG REVERE®

**5123**

VPG TEDEA-HUNTLEIGH®

**3411**

ARTECH®

**30310**

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**RL50210 TA**

RICE LAKE WEIGHING SYSTEMS

**RL1800 Series**



## Dimensions

Picture is a representation of actual product

Rated Capacity	A1*	A2	A3*	B	C	D	E	F	G	H
<b>lb/in</b>										
250-5,000 SE**	1/2-20UNF	0.60	0.53	5.12	1.25	1.25	0.62	1.00	3.00	0.50
5,000 LE***-10,000	3/4-16UNF	0.75	0.78	6.75	1.50	1.50	0.75	1.50	3.75	0.75
20,000	1-12UNF	1.00	1.03	8.75	2.00	2.00	1.00	2.00	4.75	1.00
<b>kg/mm</b>										
113.4-2,268 SE**	1/2-20UNF	15.2	13.5	130.1	31.8	31.8	15.8	25.4	76.2	12.7
2,268.0 LE***-4,535.9	3/4-16UNF	19.1	19.8	171.5	38.1	38.1	19.1	38.1	95.3	19.1
9,071.9	1-12UNF	25.4	26.2	222.3	50.8	50.8	25.4	50.8	120.7	25.4

## Specifications

### Full Scale Output:

3.0 mV/V

### Bridge Resistance:

350 ohm, nominal

### Material/Finish:

High-alloy steel, nickel plated

### Seal Type:

Environmentally sealed, IP67

### Safe Overload:

150% full scale

### Safe Sideload:

100% full scale

### Temperature:

Compensated range: 14°F to 104°F/-10°C to 40°C

Operating range: -40°F to 150°F/-40°C to 65°C

### Rated Excitation:

5-10 VDC (15 V maximum)

### Nonlinearity:

0.03% full scale

### Hysteresis:

0.02% full scale

### Insulation Resistance:

5,000 megohms

### Deflection at Capacity:

250 lb to 1,000 lb=0.013 in (0.33 mm)

2,000 lb to 3,000 lb=0.015 in (0.38 mm)

4,000 lb to 5,000 lb=0.025 in (0.64 mm)

10,000 lb=0.032 in (0.81 mm)

15,000 lb to 20,000 lb=0.038 in (0.97 mm)

### Cable Length:

20 ft (6.1 m)

### Cable Diameter:

0.200 polyurethane jacket

### Cable Color Code:

Red .....+ Excitation

Black.....- Excitation

Green.....+ Signal

White.....- Signal

### Warranty:

Two-year limited warranty

### Approvals:



Except 250 lb,  
500 lb and  
20,000 lb

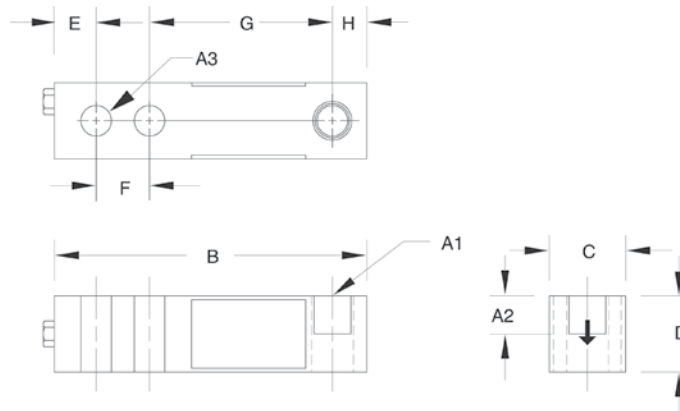
## Order Information

Load Rating	Part#	Est. Weight	Price
<b>NTEP Certified</b>			
1,000 lb	21491	3 lb	\$295.00
2,000 lb	21493	3 lb	\$295.00
2,500 lb	21495	3 lb	\$295.00
3,000 lb	21497	3 lb	\$295.00
4,000 lb	21498	3 lb	\$295.00
5,000 lb SE**	21500	3 lb	\$295.00
5,000 lb LE***	21501	5 lb	\$375.00
10,000 lb	21503	5 lb	\$375.00
<b>Non-NTEP Certified</b>			
250 lb	17341	3 lb	\$295.00
500 lb	17342	3 lb	\$295.00
20,000 lb	17109	10 lb	\$645.00
<b>Conduit Adapter Kit (must be factory installed to maintain warranty)</b>			
3/8-24 nipple	31533	1 lb	\$33.00
3/8-24 to 1/4-18 NPT	31534	1 lb	\$33.00

\*Dimension A1 is identical to A3 on the RL30002 thru-hole model

\*\*SE refers to small envelope

\*\*\*LE refers to large envelope



## SINGLE-ENDED BEAM

**RL30002 Thru Hole**

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 III L Class III Multiple Cell, IP67

**Dimensions**

Picture is a representation of actual product

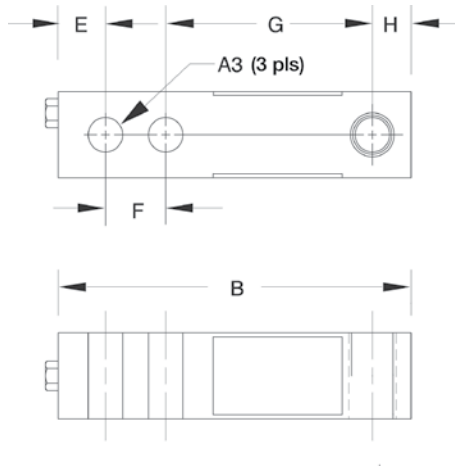
Rated Capacity	A3*	B	C	D	E	F	G	H
1,000-5,000 SE**	0.53	5.12	1.25	1.25	0.62	1.00	3.00	0.50
453.6-2,268.0 SE**	13.5	130.1	31.8	31.8	15.8	25.4	76.2	12.7

**Order Information**

Load Rating	Part #	Est. Weight	Price
<b>NTEP Certified</b>			
1,000 lb	21521	3 lb	\$295.00
2,000 lb	21522	3 lb	\$295.00
2,500 lb	21523	3 lb	\$295.00
4,000 lb	21524	3 lb	\$295.00
5,000 lb SE*	21525	3 lb	\$295.00
<b>Conduit Adapter Kit (must be factory installed to maintain warranty)</b>			
3/8-24 nipple	31533	1 lb	\$33.00
3/8-24 to 1/4-18 NPT	31534	1 lb	\$33.00

\* Dimension A1 is identical to A3 on the RL30002 thru-hole model

\*\* SE refers to small envelope

**Interchangeable Products**

VPG TEDEA-HUNTLEIGH®

**3410**

ARTECH®

**30210****Specifications****Full Scale Output:**

3.0 mV/V

**Bridge Resistance:**

350 ohm, nominal

**Material/Finish:**

High-alloy steel, nickel plated

**Temperature:**

Compensated range: 14° F to 104° F/-10° C to 40° C

Operating range: -40° F to 150° F/-40° C to 65° C

**Seal Type:**

Environmentally sealed, IP67

**Safe Overload:**

150% full scale

**Safe Sideload:**

100% full scale

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Nonlinearity:**

0.03% full scale

**Hysteresis:**

0.02% full scale

**Insulation Resistance:**

5,000 megohms

**Deflection at Capacity:**

1,000 lb=0.013 in (0.33 mm)

2,000 lb to 3,000 lb=0.015 in (0.38 mm)

4,000 lb to 5,000 lb=0.025 in (0.64 mm)

**Cable Length:**

20 ft (6.1 m)

**Cable Diameter:**

200 polyurethane jacket

**Cable Color Code:**

Red ..... + Excitation

Black..... - Excitation

Green ..... + Signal

White ..... - Signal

**Warranty:**

Two-year limited warranty

**Approvals:**

**Interchangeable Products**

METTLER TOLEDO®

**500 lb-8 ft cable**

TB601019-008

**1,000 lb-20 ft cable**

TB601016-020

**2,500 lb-8 ft cable**

TB601016-008

**Specifications****Full Scale Output:**

3.0 mV/V

**Output Resistance:**

350 ohm, nominal

**Input Resistance:**

385 ohm, nominal

**Material/Finish:**

Stainless steel

**Temperature:**

Compensated range: 14° F to 104° F/-10° C to 40° C

Operating range: -40° F to 150° F/-40° C to 65° C

**Safe Overload:**

150% full scale

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Nonlinearity:**

0.02% full scale

**Hysteresis:**

0.02% full scale

**Insulation Resistance:**

5,000 megohms

**Seal Type:**

Welded seal, IP67

**Cable Length:**

20 ft (6.1 m)

**Cable Diameter:**

0.190 polyurethane jacket

**Deflection at Capacity:**

500 lb to 5,000 lb=0.02 in (0.508 mm)

**Cable Color Code:**

Green .....+ Excitation

Black .....- Excitation

White .....+ Signal

Red .....- Signal

Yellow .....Shield

**Warranty:**

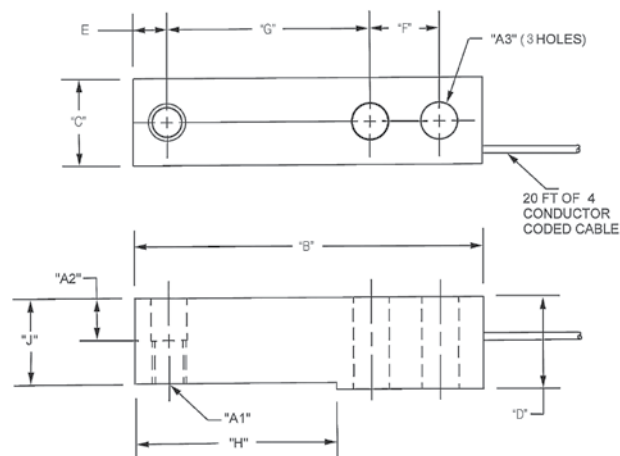
Two-year limited warranty

**Approvals:****Dimensions***Picture is a representation of actual product*

Rated Capacity	A1	A2	A3	C	D	B	E	F	G	H	J
lb/in											
500-5,000	1/2-20 UNF	0.62	0.53	1.21	1.19	5.12	0.50	1.00	3.00	2.85	1.120
kg/mm											
226.8-2,268.0	1/2-20 UNF	15.8	13.5	30.7	30.2	130.05	12.7	25.4	76.2	72.4	28.4

**Order Information**

Load Rating		Part#	Est. Weight	Price
500 lb	226.8 kg	<b>106038</b>	4 lb	\$325.00
1,000 lb	453.6 kg	<b>106039</b>	4 lb	\$325.00
2,500 lb	1,134.0 kg	<b>106040</b>	4 lb	\$325.00
4,000 lb	1,814.4 kg	<b>106041</b>	4 lb	\$325.00
5,000 lb	2,268.0 kg	<b>106042</b>	4 lb	\$325.00



# RL39123

Stainless Steel, Environmentally Sealed, IP67



## Dimensions

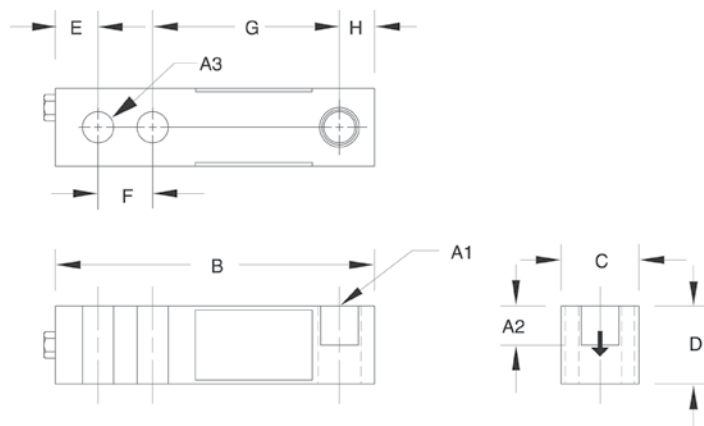
Picture is a representation of actual product

Rated Capacity	A1	A2	A3	B	C	D	E	F	G	H
<b>lb/in</b>										
250-4,000	1/2-20 UNF	0.60	0.53	5.12	1.25	1.25	0.62	1.00	3.00	0.50
5,000-10,000	3/4-16 UNF	0.75	0.78	6.75	1.50	1.50	0.75	1.50	3.75	0.75
<b>kg/mm</b>										
113.4-1,814.4	1/2-20 UNF	15.2	13.5	130.1	31.8	31.8	15.8	25.4	76.2	12.7
2,268.0-4,535.9	3/4-16 UNF	19.1	19.8	171.5	38.1	38.1	19.1	38.1	95.3	19.1

## Order Information

Load Rating		Part #	Est. Weight	Price
250 lb	113.4 kg	<b>17386</b>	3 lb	\$325.00
500 lb	226.8 kg	<b>17387</b>	3 lb	\$325.00
1,000 lb	453.6 kg	<b>17189</b>	3 lb	\$325.00
2,500 lb	1,134.0 kg	<b>17191</b>	3 lb	\$325.00
4,000 lb	1,814.4 kg	<b>17193</b>	3 lb	\$325.00
4,000 lb	1,814.4 kg	<b>95562**</b>	3 lb	\$345.00
5,000 lb	2,268.0 kg	<b>17194</b>	5 lb	\$415.00
10,000 lb	4,535.9 kg	<b>17195</b>	5 lb	\$415.00
<b>Conduit Adapter Kit (must be factory installed to maintain warranty)</b>				
3/8-24 nipple		<b>31533*</b>	1 lb	\$33.00
3/8-24 to 1/4-18 NPT		<b>31534*</b>	1 lb	\$33.00

\* PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit  
 \*\* PN 95562 comes with 30ft of cable



## Interchangeable Products

VPG REVERE®  
**9123**  
 ARTECH®  
**SS30310**

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS  
**RL50210 TA**  
 RICE LAKE WEIGHING SYSTEMS  
**RL1800 Series**

## Specifications

- Full Scale Output:** 3.0 mV/V
- Output Resistance:** 349-355 ohm
- Input Resistance:** 343-357 ohm
- Material/Finish:** Stainless steel
- Temperature:** Operating range: -40° F to 150° F / -40° C to 65° C
- Seal Type:** Environmentally sealed, IP67
- Safe Overload:** 150% full scale
- Safe Sideload:** 100% full scale
- Rated Excitation:** 5-10 VDC (15 V maximum)
- Nonlinearity:** 0.03% full scale
- Hysteresis:** 0.02% full scale
- Insulation Resistance:** 5,000 megohms
- Deflection at Capacity:** 250 lb-1,000 lb=0.013 in (0.33 mm)  
 2,000 lb-3,000 lb=0.015 in (0.38 mm)  
 4,000 lb-5,000 lb=0.025 in (0.64 mm)  
 10,000 lb=0.32 in (0.81 mm)
- Cable Length:** 20 ft (6.1 m)
- Cable Diameter:** 0.200 polyurethane jacket
- Cable Color Code:** Red ..... + Excitation  
 Black..... - Excitation  
 Green ..... + Signal  
 White ..... - Signal
- Warranty:** Two-year limited warranty
- Approvals:**



Stainless Steel, Welded Seal, NTEP Certified 1:5,000 Class III Multiple, IP67

**Interchangeable Products**

METTLER-TOLEDO®

**TB600529-500 lb**

METTLER-TOLEDO

**TB600363-1,250 lb**

METTLER-TOLEDO

**TB600342-2,500 lb**

METTLER-TOLEDO

**TB600343-5,000 lb**

METTLER-TOLEDO

**TB600364-10,000 lb**

HBM®

**THC****Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

**RLTM****Specifications****Full Scale Output:**

2.0 mV/V, ±0.002 mV/V

**Bridge Resistance:**

350 ohm, nominal

**Material/Finish:**

Stainless steel

**Temperature:**

Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C

**Safe Overload:**

150% full scale

**Safe Sideload:**

100% full scale

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Combined Error:**

0.03%

**Non-repeatability:**

0.01% full scale

**Insulation Resistance:**

5,000 megohms

**Seal Type:**

Welded seal, IP67

**Cable Length:**30 ft (9.1 m) or  
15 ft (4.6 m)**Cable Diameter:**

0.190 polyurethane jacket

**Deflection at Capacity:**

500 lb-2,500 lb=0.010 in (0.254 mm)  
5,000 lb-10,000 lb=0.012 in (0.3048 mm)

**Cable Color Code:**

Green .....+ Excitation  
Black .....- Excitation  
White .....+ Signal  
Red .....- Signal  
Yellow ..... Shield

**Warranty:**

Two-year limited warranty

**Approvals:****Dimensions**

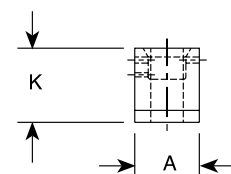
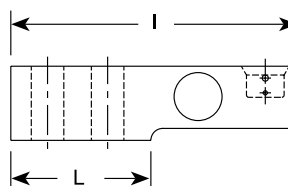
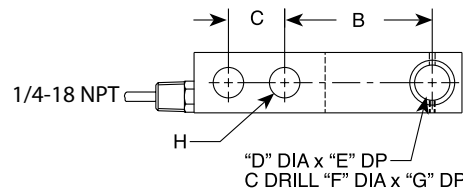
Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I	K	L
<b>lb/in</b>											
500-2,500	1.20	3.00	1.00	0.63	0.68	0.507	0.189	0.500	5.25	1.22	2.27
5,000	1.46	3.00	1.00	0.63	0.92	0.539	0.38	0.500	5.38	1.40	2.28
10,000	1.68	3.75	1.50	0.88	1.06	0.533	0.44	0.750	6.87	1.68	3.03
<b>kg/mm</b>											
226.8-1,814.2	30.5	76.2	25.4	16.0	17.5	22.4	4.8	12.7	133.3	30.9	57.6
2,268.0	37.1	76.2	25.4	16.0	23.4	22.4	9.7	12.7	136.7	35.5	57.9
4,536.0	42.7	95.3	38.1	22.4	26.9	35.1	11.8	19.1	174.5	42.6	76.9

**Order Information**

Load Rating	Part#	Est. Weight	Price
<b>15 ft cables</b>			
500 lb	101091	3 lb	\$465.00
1,250 lb	101092	3 lb	\$465.00
2,500 lb	101093	3 lb	\$465.00
5,000 lb	101094	4 lb	\$595.00
10,000 lb	101095	6 lb	\$715.00
<b>30 ft cables</b>			
500 lb	76213	3 lb	\$495.00
1,250 lb	47946	3 lb	\$495.00
2,500 lb	45463	3 lb	\$495.00
5,000 lb	45465	4 lb	\$625.00
10,000 lb	45466	6 lb	\$745.00
<b>Replacement load pins</b>			
Rocker pin	108612	1 lb	\$75.00
Rocker pin	130408	1 lb	\$78.00
Rocker pin	131376	1 lb	\$112.00
O-ring*	108202	1 lb	\$1.00

\* Two per pin



# RL35023

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP67



## Dimensions

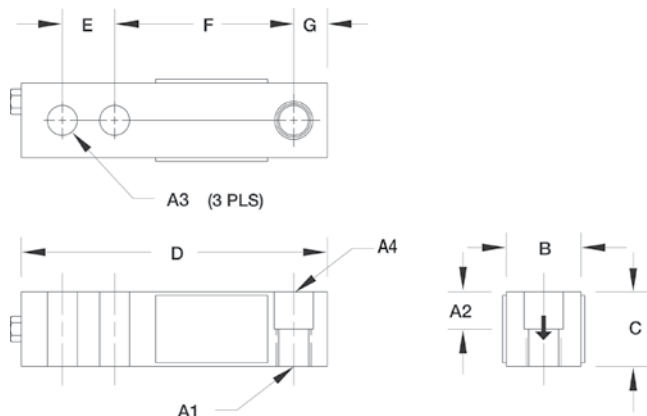
Picture is a representation of actual product

Rated Capacity	A1	A2	A3	B	C	D	E	F	G
<b>lb/in</b>									
500	1/2-20UNF	0.50	0.53	1.25	1.00	5.12	1.00	3.00	0.50
1,000-5,000 SE*	1/2-20UNF	0.62	0.53	1.25	1.25	5.12	1.00	3.00	0.50
5,000 LE**-10,000	3/4-16UNF	0.75	0.78	1.50	1.50	6.75	1.50	3.75	0.75
15,000-20,000	1-14UNS	1.00	1.03	2.00	2.00	8.88	2.00	4.88	1.03
<b>kg/mm</b>									
226.8	1/2-20UNF	12.7	13.5	31.8	25.4	130.1	25.4	76.2	12.7
453.6-2,268.0 SE*	1/2-20UNF	15.8	13.5	31.8	31.8	130.1	25.4	76.2	12.7
2,268.0 LE**-4,535.9	3/4-16UNF	19.1	19.8	38.1	38.1	171.5	38.1	95.3	19.8
6,803.9-9,071.9	1-14UNS	25.4	26.2	50.8	50.8	225.6	50.8	124.0	25.0

## Order Information

Load Rating		Part #	Est. Weight	Price
<b>NTEP Certified</b>				
1,000 lb	453.6 kg	21528	3 lb	\$295.00
2,000 lb	907.2 kg	21529	3 lb	\$295.00
2,500 lb	1,134.0 kg	21530	3 lb	\$295.00
3,000 lb	1,360.8 kg	21531	3 lb	\$295.00
4,000 lb	1,814.4 kg	21532	3 lb	\$295.00
5,000 lb SE*	2,268.0 kg	21535	3 lb	\$295.00
5,000 lb LE**	2,268.0 kg	21533	5 lb	\$375.00
10,000 lb	4,535.9 kg	21534	5 lb	\$375.00
<b>Non-NTEP Certified</b>				
500 lb	226.8 kg	17181	3 lb	\$295.00
15,000 lb	6,803.9 kg	17186	10 lb	\$645.00
20,000 lb	9,071.9 kg	17187	10 lb	\$645.00
20,000 lb***	9,071.9 kg	166127	10 lb	\$725.00
<b>Conduit Adapter Kit (must be factory installed to maintain warranty)</b>				
3/8-24 nipple		31533	1 lb	\$33.00
3/8-24 to 1/4-18 NPT		31534	1 lb	\$33.00

\* SE refers to small envelope \*\* LE refers to large envelope \*\*\* Overbraided cable



## Interchangeable Products

VPG CELTRON®

**SQB**

VPG SENSORTRONICS®

**65023A**

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**RL50210 TA**

RICE LAKE WEIGHING SYSTEMS

**RL1800 Series**

## Specifications

### Full Scale Output:

3.0 mV/V

### Output Resistance:

349-355 ohm

### Input Resistance:

343-357 ohm

### Material/Finish:

High-alloy steel, nickel plated

### Temperature:

Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C

### Safe Overload:

150% full scale

### Safe Sideload:

100% full scale

### Rated Excitation:

5-10 VDC (15 V maximum)

### Nonlinearity:

0.03% full scale

### Hysteresis:

0.02% full scale

### Insulation Resistance:

5,000 megohms

### Deflection at Capacity:

500 lb-1,000 lb=0.013 in (0.3 mm)  
2,000 lb-3,000 lb=0.015 in (0.4 mm)  
4,000 lb-5,000 lb=0.025 in (0.6 mm)  
10,000 lb=0.035 in (0.9 mm)

### Seal Type:

Environmentally sealed, IP67

### Cable Length:

20 ft (6.1 m)

### Cable Diameter:

0.200 polyurethane jacket

### Cable Color Code:

Red .....+ Excitation  
Black.....- Excitation  
Green .....+ Signal  
White .....- Signal

### Warranty:

Two-year limited warranty

### Approvals:



**Interchangeable Products**

RICE LAKE WEIGHING SYSTEMS

**RL35023S Painted**

VPG SENSORTRONICS®

**65023S**

VPG SENSORTRONICS

**65023SS**

VPG CELTRON®

**SQB-HSS**

**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

**RL50210 TA**

RICE LAKE WEIGHING SYSTEMS

**RL1800 Series**



**Specifications**

**Full Scale Output:**

3.0mV/V

**Output Resistance:**

349-355 ohm

**Input Resistance:**

343-357 ohm

**Material/Finish:**

Stainless steel

**Temperature:**

Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C

**Safe Overload:**

150% full scale

**Safe Sideload:**

100% full scale

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Nonlinearity:**

0.03% full scale

**Deflection at Capacity:**

500 lb-1,500 lb=0.013 in (0.33 mm)  
1,000 lb-5,000 lb=0.017 in-0.025 in  
(0.4318 mm-0.635 mm)  
5,000 lb-10,000 lb=0.025 in-0.035 in  
(0.635 mm-0.889 mm)  
15,000 lb-20,000 lb=0.048 in-0.013 in  
(1.2912 mm-0.3302 mm)

**Seal Type:**

Environmentally sealed, IP67

**Cable Length:**

20 ft (6.1 m)

**Cable Diameter:**

0.200 polyurethane jacket

**Cable Color Code:**

Red .....+ Excitation  
Black.....- Excitation  
Green.....+ Signal  
White .....- Signal

**Hysteresis:**

0.02% full scale

**Insulation Resistance:**

5,000 megohms

**Warranty:**

Two-year limited warranty

**Approvals:**



**Dimensions**

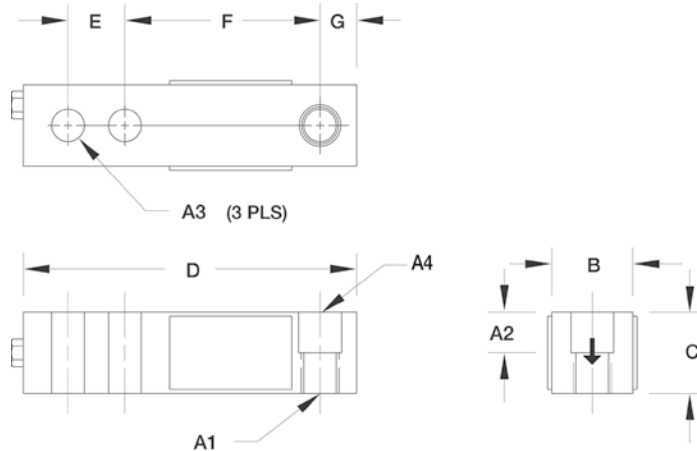
Picture is a representation of actual product

Rated Capacity	A1	A2	A3	A4	B	C	D	E	F	G
<b>lb/in</b>										
1,000-4,000	1/2-20 UNF	0.62	0.53	0.53 dia	1.25	1.25	5.12	1.00	3.00	0.50
5,000-10,000	3/4-16 UNF	0.75	0.78	0.78 dia	1.50	1.50	6.75	1.50	3.75	0.75
<b>kg/mm</b>										
453.6-1,814.4	1/2-20 UNF	15.8	13.5	13.5 dia	31.8	31.8	130.1	25.4	76.2	12.7
2,268.0-4,535.9	3/4-16 UNF	19.1	19.8	19.8 dia	38.1	38.1	171.5	38.1	95.3	19.1

**Order Information**

Load Rating	Part#	Est. Weight	Price
1,000 lb	30649	3 lb	\$325.00
2,000 lb	30650	3 lb	\$325.00
2,500 lb	30651	3 lb	\$325.00
4,000 lb	30652	3 lb	\$325.00
5,000 lb	30653	5 lb	\$415.00
10,000 lb	30654	5 lb	\$415.00
<b>Conduit Adapter Kit (must be factory installed to maintain warranty)</b>			
3/8-24 nipple	31533*	1 lb	\$33.00
3/8-24 to 1/4-18 NPT	31534*	1 lb	\$33.00

\* PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit



# RL35023S Painted

Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP67



## Dimensions

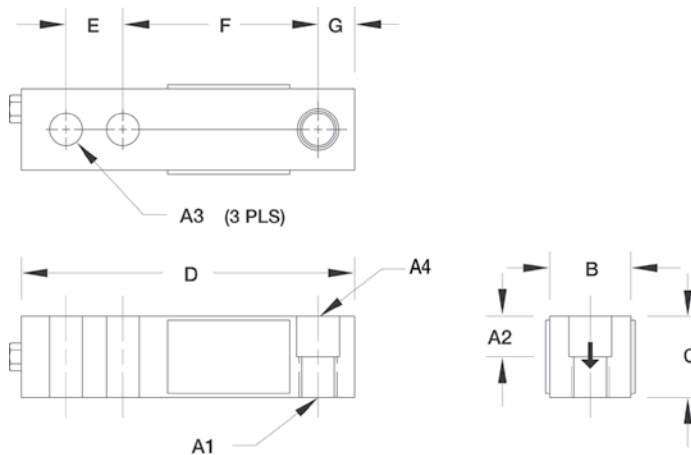
Picture is a representation of actual product

Rated Capacity	A1	A2	A3	A4	B	C	D	E	F	G
<b>lb/in</b>										
1,000-4,000	1/2-20 UNF	0.62	0.53	0.53 dia	1.25	1.25	5.12	1.00	3.00	0.50
5,000-10,000	3/4-16 UNF	0.75	0.78	0.78 dia	1.50	1.50	6.75	1.50	3.75	0.75
<b>kg/mm</b>										
453.6-1,814.4	1/2-20 UNF	15.8	13.5	13.5 dia	31.8	31.8	130.1	25.4	76.2	12.7
2,268.0-4,535.9	3/4-16 UNF	19.1	19.8	19.8 dia	38.1	38.1	171.5	38.1	95.3	19.1

## Order Information

Load Rating		Part #	Est. Weight	Price
1,000 lb	453.6 kg	<b>182754</b>	3 lb	\$350.00
2,000 lb	907.2 kg	<b>182755</b>	3 lb	\$350.00
2,500 lb	1,134.0 kg	<b>182756</b>	3 lb	\$350.00
4,000 lb	1,814.4 kg	<b>182757</b>	3 lb	\$350.00
5,000 lb	2,268.0 kg	<b>182758</b>	3 lb	\$440.00
10,000 lb	4,535.9 kg	<b>182759</b>	3 lb	\$440.00
<b>Conduit Adapter Kit (must be factory installed to maintain warranty)</b>				
3/8-24 nipple		<b>31533*</b>	1 lb	\$33.00
3/8-24 to 1/4-18 NPT		<b>31534*</b>	1 lb	\$33.00

\* PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit



## Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

### RL35023S

VPG SENSORTRONICS®

### 65023S

VPG SENSORTRONICS

### 65023SS

VPG CELTRON®

### SQB-HSS

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

### RL50210 TA

RICE LAKE WEIGHING SYSTEMS

### RL1800 Series

## Specifications

### Full Scale Output:

3.0 mV/V

### Output Resistance:

349-355 ohm

### Input Resistance:

343-357 ohm

### Material/Finish:

Stainless steel, painted

### Temperature:

Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C

### Safe Overload:

150% full scale

### Safe Sideload:

100% full scale

### Rated Excitation:

5-10 VDC (15 V maximum)

### Nonlinearity:

0.03% full scale

### Deflection at Capacity:

500 lb-1,500 lb=0.013 in (0.33 mm)  
1,000 lb-5,000 lb=0.017 in-0.025 in  
(0.4318 mm-0.635 mm)  
5,000 lb-10,000 lb=0.025 in-0.035 in  
(0.635 mm-0.889 mm)  
15,000 lb-20,000 lb=0.048 in-0.013 in  
(1.2912 mm-0.3302 mm)

### Seal Type:

Environmentally sealed, IP67

### Cable Length:

20 ft (6.1 m)

### Cable Diameter:

0.200 polyurethane jacket

### Cable Color Code:

Red ..... + Excitation  
Black ..... - Excitation  
Green ..... + Signal  
White ..... - Signal

### Hysteresis:

0.02% full scale

### Insulation Resistance:

5,000 megohms

### Warranty:

Two-year limited warranty

### Approvals:





**Interchangeable Products**

VPG SENSORTRONICS®

**65083**

VPG CELTRON®

**SQB-HSS****Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

**RL50210 TA**

RICE LAKE WEIGHING SYSTEMS

**RL1800 Series****Specifications****Full Scale Output:**

3.0mV/V

**Output Resistance:**

349-355 ohm

**Input Resistance:**

343-357 ohm

**Material/Finish:**

Stainless steel

**Temperature:**Operating range  
-40° F to 150° F / -40° C to 65° C**Safe Overload:**

150% full scale

**Safe Sideload:**

100% full scale

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Combined Error:**

0.03% full scale

**Non-Repeatability:**

0.01% full scale

**Insulation Resistance:**

5,000 megohms

**Deflection at Capacity:**1,000 lb-4,000 lb=0.008 in-0.026 in  
(0.203 mm-0.66 mm)  
5,000 lb-10,000 lb=0.030 in-0.055 in  
(0.76 mm-1.397 mm)**Seal Type:**

Welded seal, IP67\*

**Cable Length:**

20 ft (6.1 m)

**Cable Diameter:**

0.220 PTFE coated cable

**Conduit Adapter Size:**

1/4-18 NPT

**Cable Color Code:**Red .....+ Excitation  
Black.....- Excitation  
Green.....+ Signal  
White.....- Signal**Warranty:**

Two-year limited warranty

**Approvals:****Dimensions**

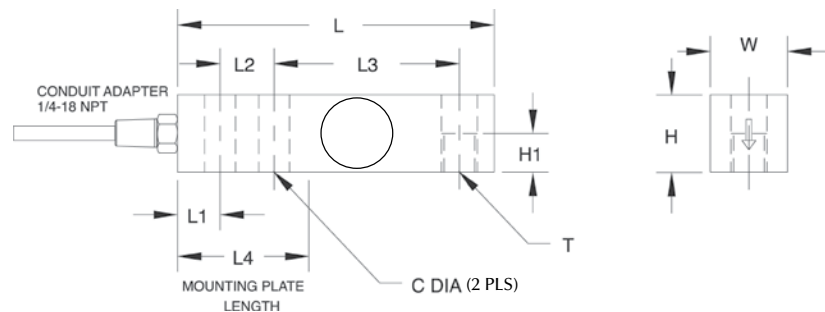
Picture is a representation of actual product

Rated Capacity	C	H	H1	L	L1	L2	L3	L4	T	W
<b>lb/in</b>										
1,000-4,000	0.53	1.22	0.61	5.12	0.62	1.00	3.00	2.25	1/2-20 UNF	1.22
5,000-10,000	0.78	1.50	0.75	6.75	0.75	1.50	3.75	3.00	3/4-16 UNF	1.50
<b>kg/mm</b>										
453.6-1,814.4	13.5	31.0	15.5	130.0	15.7	25.4	76.2	57.2	1/2-20 UNF	31.0
2,268.0-4,535.9	19.8	38.1	19.1	171.5	19.1	38.1	95.3	76.2	3/4-16 UNF	38.1

**Order Information**

Load Rating	Part#	Est. Weight	Price
1,000 lb	17252	3 lb	\$405.00
2,500 lb	17253	3 lb	\$405.00
4,000 lb	17254	3 lb	\$405.00
5,000 lb	17255	5 lb	\$455.00
10,000 lb	17256	5 lb	\$455.00

\*Conduit is recommended for maximum protection against the ingress of water and moisture through the cable entry



SINGLE-ENDED BEAM

# RL35082

Stainless Steel, Welded Seal, NTEP Certified 1:5,000 Class III Multiple Cell, Welded Seal, IP67/IP69K



## Dimensions

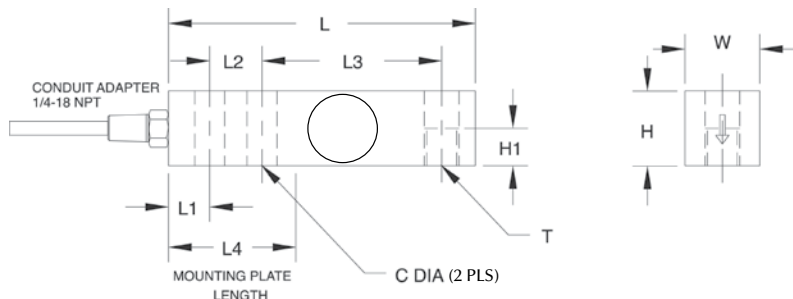
Picture is a representation of actual product

Rated Capacity	C	H	H1	L	L1	L2	L3	L4	T	W
lb/in										
1,000-4,000	0.53	1.22	0.61	5.12	0.62	1.00	3.00	2.25	1/2-20UNF	1.22
5,000-10,000	0.78	1.50	0.75	6.75	0.75	1.50	3.75	3.00	3/4-16UNF	1.50
kg/mm										
453.6-1,814.4	13.5	31.0	15.5	130.0	15.7	25.4	76.2	57.2	1/2-20UNF	31.0
2,268.0-4,535.9	19.8	38.1	19.1	171.5	19.1	38.1	95.3	76.2	3/4-16UNF	38.1

## Order Information

Load Rating	Part#	Est. Weight	Price
<b>RL35082 N5/IP67 Model 20 ft</b>			
1,000 lb	453.6 kg	<b>31283</b>	3 lb \$425.00
2,500 lb	1,134.0 kg	<b>31282</b>	3 lb \$425.00
4,000 lb	1,814.4 kg	<b>31281</b>	3 lb \$425.00
5,000 lb	2,268.0 kg	<b>31280</b>	5 lb \$475.00
10,000 lb	4,535.9 kg	<b>31279</b>	5 lb \$475.00
<b>RL35082HE N5/IP69K Model 20 ft</b>			
1,000 lb	453.6 kg	<b>34702</b>	3 lb \$505.00
2,500 lb	1,134.0 kg	<b>34703</b>	3 lb \$505.00
4,000 lb	1,814.4 kg	<b>34704</b>	3 lb \$505.00
5,000 lb	2,268.0 kg	<b>34705</b>	5 lb \$555.00
10,000 lb	4,535.9 kg	<b>34706</b>	5 lb \$555.00
<b>RL35082HE* N5/IP69K Model 30 ft</b>			
1,000 lb	453.6 kg	<b>173854</b>	3 lb \$555.00
2,500 lb	1,134.0 kg	<b>173856</b>	3 lb \$555.00
4,000 lb	1,814.4 kg	<b>173857</b>	3 lb \$555.00
5,000 lb	2,268.0 kg	<b>173858</b>	5 lb \$605.00
10,000 lb	4,535.9 kg	<b>173859</b>	5 lb \$605.00

\*Conduit is recommended for maximum protection against the ingress of water and moisture through the cable entry



## Interchangeable Products

VPG SENSORTRONICS®  
**65083S**

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS  
**RL50210 TA**  
RICE LAKE WEIGHING SYSTEMS  
**RL1800 Series**

## Specifications

### Full Scale Output:

2.0 mV/V

### Output Resistance:

349-355 ohm

### Input Resistance:

343-357 ohm

### Material/Finish:

Stainless steel

### Temperature:

Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C

### Safe Overload:

150% full scale

### Safe Sideload:

100% full scale

### Rated Excitation:

5-10 VDC (15 V maximum)

### Combined Error:

0.02% full scale

### Non-Repeatability:

0.01% full scale

### Insulation Resistance:

5,000 megohms

### Deflection at Capacity:

1,000 lb-4,000 lb = 0.012 in (0.33 mm)  
5,000 lb-10,000 lb = 0.030 in (0.81 mm)

### Seal Type:

Welded seal, IP67\*/IP69K

### Cable Length:

30 ft (9.1 m); 20 ft (6.1 m)

### Cable Diameter:

0.220 PTFE coated cable

### Conduit Adapter Size:

IP67 1/4-18 NPT  
IP69K 1/2-14 NPT

### Cable Color Code:

Red .....+ Excitation  
Black.....- Excitation  
Green.....+ Signal  
White.....- Signal

### Warranty:

Two-year limited warranty

### Approvals:



## Specifications

**Full Scale Output:**

3.0 mV/V

**Output Resistance:**

349-355 ohm

**Input Resistance:**

343-357 ohm

**Material/Finish:**

Alloy steel

**Temperature:**

Compensated range

14°F to 104°F/-10°C to 40°C

Operating range

-40°F to 150°F/-40°C to 65°C

**Safe Overload:**

150% full scale

**Safe Sideload:**

100% full scale

**Rated Excitation:**

5-10VDC (15 V maximum)

**Combined Error:**

0.03% full scale

**Insulation Resistance:**

5,000 megohms

**Seal Type:**

Environmentally sealed, IP67

**Cable Length:**

6 m (9.7 ft)

**Cable Diameter:**

0.200 polyurethane jacket

**Cable Color Code:**

Red .....+ Excitation

Black.....- Excitation

Green .....+ Signal

White .....- Signal

**Warranty:**

Two-year limited warranty

**Approvals:**

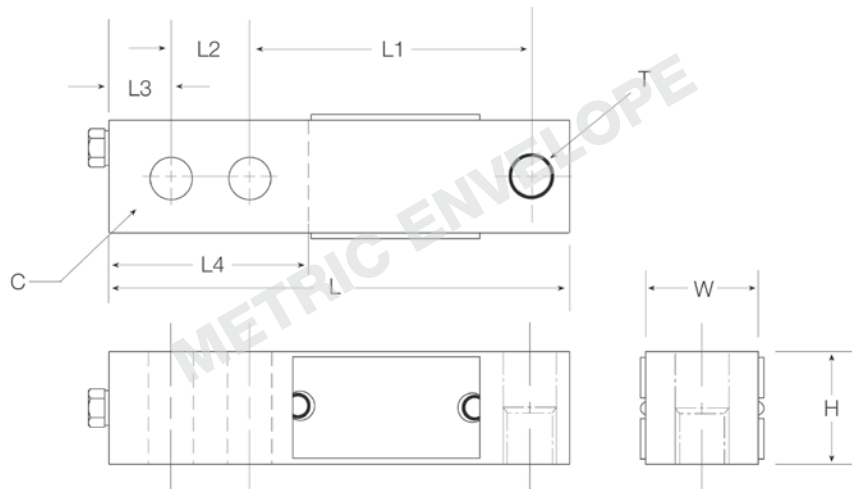

## Dimensions

Picture is a representation of actual product

Rated Capacity	C	H	L	L1	L2	L3	L4	W	T
<b>kg/mm</b>									
1,000-2,000	57.00	32.00	130.00	76.00	25.00	16.00	13.00	32.00	M12 x 1.75-6H
5,000	76.00	38.00	171.00	95.00	38.00	19.00	20.7	38.00	M20 x 1.5-6H
<b>lb/in</b>									
2,204.6-4,410.0	2.25	1.25	5.12	3.00	0.98	0.63	0.51	1.25	M12 x 1.75-6H
11,025.0	3.00	1.50	6.73	3.74	1.50	0.75	0.81	3.75	M20 x 1.5-6H

## Order Information

Load Rating	Part#	Est. Weight	Price
1,000 kg	31248	3 lb	\$325.00
2,000 kg	31247	3 lb	\$325.00
5,000 kg	31246	5 lb	\$405.00



# RLHTO

Stainless Steel, Hermetically Sealed, OIML C3, IP66/68



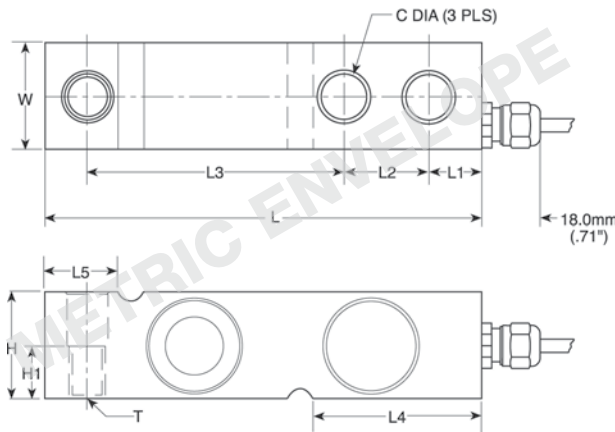
## Dimensions

Picture is a representation of actual product

Rated Capacity	C	H	H1	L	L1	L2	L3	L4	L5	T	W
<b>kg/mm</b>											
500-2,000	13.5	32.0	16.0	130.0	15.8	25.4	76.2	50.5	23.5	M12 x 1.75	32.0
5,000	20.5	48.0	—	171.5	19.0	38.1	95.3	70.0	37.0	—	36.5
<b>lb/in</b>											
1,102.3-4,409.2	0.53	1.26	0.63	5.12	0.62	1.00	3.00	1.99	0.93	M12 X 1.75	1.26
11,023.1	0.80	1.89	—	6.75	0.75	1.50	3.75	2.76	1.46	—	1.44

## Order Information

Load Rating	Part #	Est. Weight	Price
500 kg	31253	3 lb	\$485.00
1,000 kg	31250	3 lb	\$485.00
2,000 kg	31251	3 lb	\$485.00
5,000 kg	31252	5 lb	\$555.00



## Interchangeable Products

VPG TEDEA-HUNTLEIGH®  
**3510-OIML**

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS  
**1700 HE**

## Specifications

**Full Scale Output:**  
2.0 mV/V

**Output Resistance:**  
350 (± 3) ohm

**Input Resistance:**  
380 (± 10) ohm

**Material/Finish:**  
Stainless steel

**Temperature:**  
Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C

**Safe Overload:**  
150% full scale

**Safe Sideload:**  
100% full scale

**Rated Excitation:**  
5-10VDC (15V maximum)

**Total Error:**  
0.02% applied load

**Insulation Resistance:**  
2,000 megohms

**Deflection at Capacity:**  
500 kg-5,000 kg = 0.4 mm (0.015 in)

**Seal Type:**  
Hermetically sealed, IP66/68

**Cable Length:**  
5 m (16.4 ft)

**Cable Diameter:**  
0.220 polyurethane jacket

**Cable Color Code:**  
Blue ..... + Excitation  
Black ..... - Excitation  
Green ..... + Sense  
Grey ..... - Sense  
White ..... + Signal  
Red ..... - Signal

**Warranty:**  
Two-year limited warranty

**Approvals:**



**Interchangeable Products**

VPG REVERE®  
**SSB**  
 HBM®  
**SB3**  
 ARTECH®  
**SS30610**

**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS  
**RL1900 Series**



**Specifications**

- Full Scale Output:**  
2.0 mV/V
- Bridge Resistance:**  
350 ohm, nominal
- Material/Finish:**  
Stainless steel
- Temperature:**  
Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C
- Safe Overload:**  
150% full scale
- Safe Sideload:**  
100% full scale
- Rated Excitation:**  
5-10VDC (15V maximum)
- Combined Error:**  
0.02%
- Non-repeatability:**  
0.01% full scale
- Insulation Resistance:**  
5,000 megohms
- Seal Type:**  
Welded seal, IP67
- Cable Length:**  
15 ft (4.5 m)
- Cable Diameter:**  
0.200 polyurethane jacket
- Cable Color Code:**  
Green .....+ Excitation  
Black .....- Excitation  
White .....+ Signal  
Red .....- Signal
- Warranty:**  
Two-year limited warranty

**Approvals:**



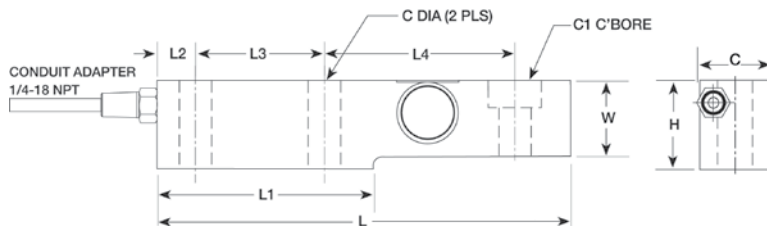
**Dimensions**

*Picture is a representation of actual product*

Rated Capacity	C	C1	H	L	L1	L2	L3	L4	T	W	
<b>lb/in</b>											
1,000-5,000	0.53	0.68 thru C'Bore	1.19 x 0.47 DP	1.88	8.00	4.00	0.75	2.50	3.88	1.44	1.44
10,000	0.88	1.00 thru C'Bore	1.63 x 0.62 DP	2.75	9.25	4.62	0.81	2.63	4.88	1.88	1.88
<b>kg/mm</b>											
453.6-2,268.0	13.5	0.68 thru C'Bore	1.19 x 0.47 DP	47.8	203.2	101.6	19.1	63.5	98.6	36.6	36.6
4,535.9	22.4	1.00 thru C'Bore	1.63 x 0.62 DP	69.9	235.0	117.3	20.6	66.8	124.0	47.8	47.8

**Order Information**

Load Rating	Part#	Est. Weight	Price
1,000 lb	34310	5 lb	\$600.00
2,000 lb	34311	5 lb	\$600.00
5,000 lb	34312	6 lb	\$600.00
10,000 lb	34313	10 lb	\$715.00
<b>Options</b>			
Load cell button	—	—	\$32.00



SINGLE-ENDED BEAM

# RLSB250/RLSB250T

Stainless Steel, Welded Seal, NTEP Certified 1:5,000 Class III Multiple Cell, IP67

LOAD CELLS / WEIGH MODULES



Threaded Versions  
Now Available

**Interchangeable Products**  
CARDINAL®  
**SB2500\***  
\*No threads in load hole

## Specifications

- Full Scale Output:** 2.0 mV/V
- Bridge Resistance:** 350 ohm, nominal
- Material/Finish:** Stainless steel
- Temperature:** Compensated range 14°F to 104°F/-10°C to 40°C  
Operating range -40°F to 150°F/-40°C to 65°C

- Safe Overload:** 150% full scale
- Safe Sideload:** 100% full scale
- Rated Excitation:** 5-10 VDC (15 V maximum)

- Combined Error:** 0.02%
- Non-repeatability:** 0.01% full scale
- Insulation Resistance:** 5,000 megohms

- Seal Type:** Welded seal, IP67

- Cable Length:** 20 ft (6.2 m)

- Cable Diameter:** 0.200 polyurethane jacket

- Cable Color Code:**  
Green ..... + Excitation  
Black ..... - Excitation  
White ..... + Signal  
Red ..... - Signal

- Warranty:** Two-year limited warranty



## Dimensions

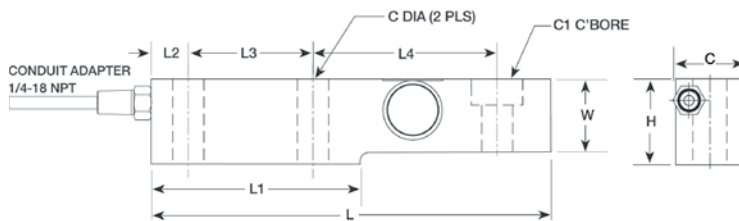
Picture is a representation of actual product

Rated Capacity	C	C1	H	L	L1	L2	L3	L4	T	W
<b>lb/in</b>										
2,500	0.53	0.68 thru C'Bore 1.19 x 0.47 DP	1.93	8.00	4.00	0.75	2.50	3.88	3/4-16 UNF	1.25
5,000	0.53	0.68 thru C'Bore 1.19 x 0.47 DP	1.93	8.00	4.00	0.75	2.50	3.88	3/4-16 UNF	1.45
10,000	—	1.00 thru 1.63 x 0.62 DP	2.46	9.00	4.00	0.75	2.00	5.25	—	1.62
<b>kg/mm</b>										
1,134.0	13.5	0.68 thru C'Bore 1.19 x 0.47 DP	47.8	203.2	101.6	19.1	63.5	98.6	3/4-16 UNF	31.8
2,268.0	13.5	0.68 thru C'Bore 1.19 x 0.47 DP	47.8	203.2	101.6	19.1	63.5	98.6	3/4-16 UNF	36.8
4,535.9	—	1.00 thru 1.63 x 0.62 DP	62.5	228.6	101.6	19.1	50.8	133.4	—	41.1

## Order Information

Load Rating	Part#	Est. Weight	Price
2,500 lb*	34482	6 lb	\$600.00
2,500 lb	116053	6 lb	\$600.00
5,000 lb	116054	6 lb	\$700.00
10,000 lb*	116055	10 lb	\$700.00
<b>Options</b>			
Load cell button	116084	—	\$9.00

\*No threads in load hole



www.ricelake.com | Phone: 800-472-6703

RICELAKE

**Interchangeable Products**

VPG SENSORTRONICS®

**60040**

ARTECH®

**50210**

VPG REVERE®

**5503****Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

**RL50210 TA****Specifications****Full Scale Output:**

3.0 mV/V

**Output Resistance:**

349-355 ohm

**Input Resistance:**

360-450 ohm

**Material/Finish:**

High-alloy steel, nickel plated

**Temperature:**Operating range  
-40° F to 150° F / -40° C to 65° C**Safe Overload:**

150% full scale

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Nonlinearity:**

0.03% full scale

**Hysteresis:**

0.02% full scale

**Insulation Resistance:**

5,000 megohms

**Deflection at Capacity:**25 lb-50 lb=0.008 in (0.20 mm)  
100 lb=0.010 in (0.25 mm)  
150 lb=0.012 in (0.30 mm)  
250 lb=0.016 in (0.41 mm)  
500 lb=0.025 in (0.64 mm)**Seal Type:**

Environmentally sealed with neoprene sleeve, IP65

**Cable Length:**

20 ft (6.1 m)

**Cable Diameter:**

0.200 polyurethane jacket

**Cable Color Code:**Red .....+ Excitation  
Black.....- Excitation  
Green .....+ Signal  
White .....- Signal**Warranty:**

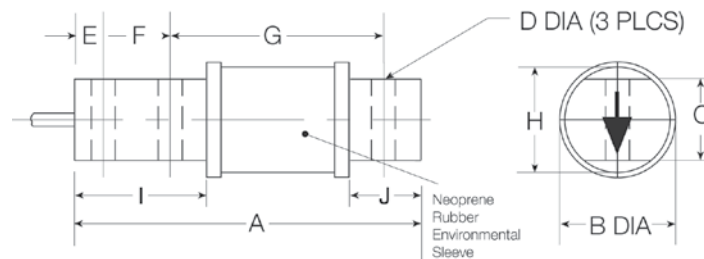
Two-year limited warranty

**Approvals:****Dimensions***Picture is a representation of actual product*

Rated Capacity	A	B	C	D	E	F	G	H	I	J
<b>lb/in</b>										
25-500	2.81	1.30	0.62	0.26	0.25	0.50	1.81	1.00	1.00	0.50
<b>kg/mm</b>										
11.3-226.8	71.4	33.0	15.8	6.6	6.4	12.7	46.0	25.4	25.4	12.7

**Order Information**

Load Rating	Part#	Est. Weight	Price
25 lb	<b>17385</b>	2 lb	\$245.00
50 lb	<b>17380</b>	2 lb	\$245.00
100 lb	<b>17381</b>	2 lb	\$245.00
150 lb	<b>17382</b>	2 lb	\$245.00
250 lb	<b>17383</b>	2 lb	\$245.00
500 lb	<b>17384</b>	2 lb	\$245.00



# RL60040SST

Stainless Steel, Environmentally Sealed, IP65



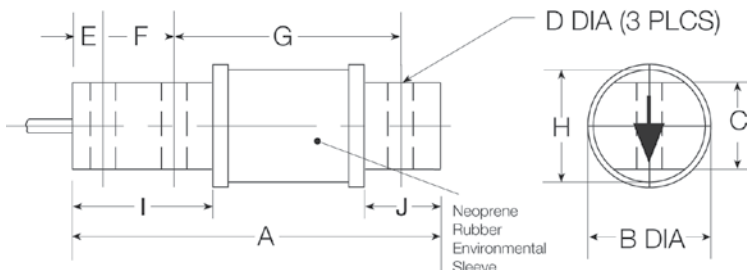
## Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I	J
lb/in										
25-500	2.81	1.30	0.62	0.26	0.25	0.50	1.81	1.00	1.00	0.50
kg/mm										
11.3-226.8	71.4	33.0	15.8	6.6	6.4	12.7	46.0	25.4	25.4	12.7

## Order Information

Load Rating		Part #	Est. Weight	Price
25 lb	11.3 kg	101972	3 lb	\$425.00
50 lb	22.7 kg	101973	3 lb	\$425.00
75 lb	34.0 kg	101974	3 lb	\$425.00
100 lb	45.4 kg	101975	3 lb	\$425.00
150 lb	68.0 kg	101976	3 lb	\$425.00
250 lb	113.4 kg	101977	3 lb	\$425.00
500 lb	226.8 kg	101978	3 lb	\$425.00



## Interchangeable Products

VPG SENSORTRONICS\*\*

**60040**

ARTECH\*\*

**50210**

VPG REVERE\*\*

**5503**

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**RL50210 TA**

\*Alloy steel

## Specifications

### Full Scale Output:

3.0 mV/V

### Output Resistance:

349-355 ohm

### Input Resistance:

380-450 ohm

### Material/Finish:

Stainless steel

### Temperature:

Operating range  
 -40° F to 150° F/-40° C to 65° C

### Safe Overload:

150% full scale

### Rated Excitation:

5-10 VDC (15 V maximum)

### Nonlinearity:

0.03% full scale

### Hysteresis:

0.02% full scale

### Insulation Resistance:

5,000 megohms

### Deflection at Capacity:

25 lb-50 lb=0.008 in (0.20 mm)  
 100 lb=0.010 in (0.25 mm)  
 150 lb=0.012 in (0.3 mm)  
 250 lb=0.016 in (0.41 mm)  
 500 lb=0.025 in (0.64 mm)

### Seal Type:

Environmentally sealed with neoprene sleeve, IP65

### Cable Length:

20 ft (6.1 m)

### Cable Diameter:

0.200 polyurethane jacket

### Cable Color Code:

Red .....+ Excitation  
 Black.....- Excitation  
 Green .....+ Signal  
 White .....- Signal

### Warranty:

Two-year limited warranty



**Interchangeable Products**

HBM®

**BBS**

VPG SENSORTRONICS®

**65087**

FAIRBANKS®

**3-481XX-1**

FAIRBANKS

**3-48660-1**

ARTECH®

**40310****Specifications****Full Scale Output:**

2.0 mV/V

**Bridge Resistance:**50 lb-1,000 lb/750 ohm, nominal  
2,500 lb/347 ohm, nominal**Material/Finish:**

High-alloy steel, nickel plated

**Temperature:**Operating range  
-40° F to 150° F / -40° C to 65° C**Safe Overload:**

150% full scale

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Deflection at Capacity:**50 lb=0.015 in (0.38 mm)  
100 lb=0.005 in (0.64 mm)  
200 lb-250 lb=0.030 in (0.76 mm)  
500 lb=0.020 in (0.51 mm)  
1,000 lb=0.040 in (1.02 mm)  
2,500 lb=0.120 in (3.05 mm)**Nonlinearity:**

0.03% full scale

**Hysteresis:**

0.02% full scale

**Insulation Resistance:**

5,000 megohms

**Seal Type:**

Environmentally sealed with neoprene sleeve, IP65

**Cable Length:**

10 ft (3.1 m)

**Cable Diameter:**

0.200 polyurethane jacket

**Cable Color Code:**Green .....+ Excitation  
Black.....- Excitation  
White .....+ Signal  
Red .....- Signal**Warranty:**

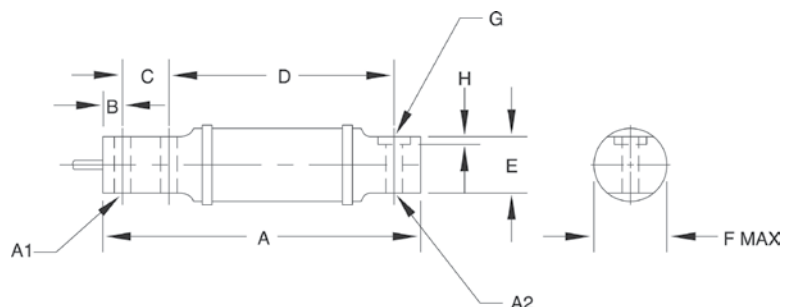
Two-year limited warranty

**Dimensions***Picture is a representation of actual product*

Rated Capacity	A	A1	A2	B	C	D	E	F	G	H
<b>lb/in</b>										
50-100	6.00	0.31	0.31	0.38	0.88	4.25	1.06	1.41	—	—
200-1,000	6.62	0.52	0.52	0.50	1.12	4.25	1.06	1.41	—	—
2,500	11.38	0.53	0.62	0.50	1.75	8.25	1.25	2.19	1.19	0.12
<b>kg/mm</b>										
22.7-45.4	52.4	7.9	7.9	9.7	22.4	108.0	26.9	35.8	—	—
90.7-453.6	168.2	13.2	13.2	12.7	28.5	108.0	26.9	35.8	—	—
1,134.0	289.1	13.5	15.8	12.7	44.5	209.6	31.8	55.6	30.3	3.00

**Order Information**

Load Rating	Part#	Est. Weight	Price
50 lb	17395	3 lb	\$395.00
100 lb	17343	3 lb	\$395.00
200 lb	17396	3 lb	\$395.00
250 lb	17397	3 lb	\$395.00
500 lb	17398	3 lb	\$395.00
1,000 lb	17344	3 lb	\$395.00
2,500 lb	17345	9 lb	\$625.00



# RLHBB

Stainless Steel, Hermetically Sealed, NTEP Certified 1:4,000 Class III Single Cell 1:5,000 Class III Multiple Cell, OIML C3, IP68



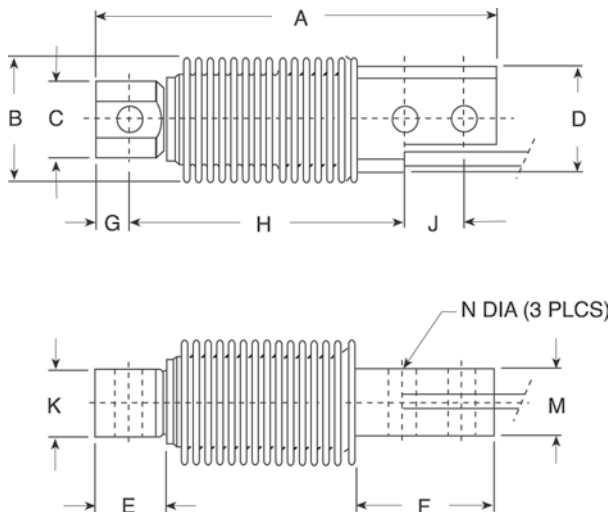
## Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	J	K	M	N
kg/mm												
5-500	120.0	40.0	23.0	32.0	20.5	45.5	10.0	82.0	18.0	20.0	20.0	8.20
lb/in												
11.0-1,102.3	4.72	1.61	0.91	1.26	0.81	1.79	0.39	3.23	0.71	0.79	0.79	0.32

## Order Information

Load Rating	Part#	Est. Weight	Price
<b>NTEP Certified</b>			
5 kg	41113	2 lb	\$525.00
10 kg	41114	2 lb	\$525.00
20 kg	41115	2 lb	\$525.00
50 kg	41116	2 lb	\$525.00
100 kg	41117	2 lb	\$525.00
200 kg	41118	2 lb	\$525.00
250 kg	41119	2 lb	\$525.00
500 kg	41120	2 lb	\$525.00
<b>OIML</b>			
5 kg	32678	2 lb	\$525.00
10 kg	32677	2 lb	\$525.00
20 kg	31259	2 lb	\$525.00
50 kg	31260	2 lb	\$525.00
100 kg	31261	2 lb	\$525.00
200 kg	31262	2 lb	\$525.00
250 kg	31263	2 lb	\$525.00
500 kg	36462	2 lb	\$525.00



## Interchangeable Products

- HBM®
- Z6\***
- VPG REVERE®
- SHB**
- VPG TEDEA-HUNTLEIGH®
- 355**
- VPG CELTRON®
- HBB\*\***
- CARDINAL®
- CB6\*\*\***
- METTLER-TOLEDO®
- MTB Model 777**

\* Non-NTEP Certified  
 \*\* Non-NTEP Certified, not FM approved  
 \*\*\* Not interchangeable with 500 kg

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS  
**1700HE Series**

## Specifications

- Full Scale Output:**  
2.0 mV/V
- Output Resistance:**  
355 (± 5) ohm
- Input Resistance:**  
380 (± 10) ohm
- Material/Finish:**  
Stainless steel
- Temperature:**  
Compensated range  
14° F to 104° F/-10° C to 40° C  
Operating range  
-40° F to 150° F/-40° C to 65° C
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5-10VDC (15V maximum)
- Total Error:**  
0.02% full scale
- Insulation Resistance:**  
2,000 megohms
- Deflection at Capacity:**  
5 kg-500 kg=0.4 mm (0.015 in)
- Seal Type:**  
Hermetically sealed, IP68
- Cable Color Code:**  
Blue .....+ Excitation  
Black.....- Excitation  
White .....+ Signal  
Red .....- Signal  
Green.....+ Sense  
Gray .....- Sense
- Cable Length:**  
3 m (10 ft)
- Cable Diameter:**  
0.200 polyurethane jacket
- Warranty:**  
Two-year limited warranty
- Approvals:**



Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, Potted, IP67

**Interchangeable Products**

EVERY WEIGH TRONIX®  
**Weigh Bar**

**Specifications**

- Full Scale Output:**  
2.0 ± 0.1% mV/V
- Output Resistance:**  
350 (± 3) ohm
- Input Resistance:**  
385 (± 10) ohm
- Material/Finish:**  
Stainless steel
- Temperature:**  
Compensated range  
14° F to 104° F / -10° C to 40° C  
Operating range  
-40° F to 150° F / -40° C to 65° C
- Safe Overload:**  
150% full scale
- Safe Sideload:**  
100% full scale
- Rated Excitation:**  
5-10 VDC
- Combined Error:**  
0.02% full scale
- Non-Repeatability:**  
± 0.01% full scale
- Insulation Resistance:**  
5,000 megohms
- Cable Color Code:**  
Green .....+ Excitation  
Black.....- Excitation  
White .....+ Signal  
Red .....- Signal
- Seal Type:**  
Environmentally sealed, IP67
- Cable Length:**  
20 ft (6.1 m)
- Cable Diameter:**  
0.190 polyurethane jacket
- Warranty:**  
Two-year limited warranty

**Approvals:**



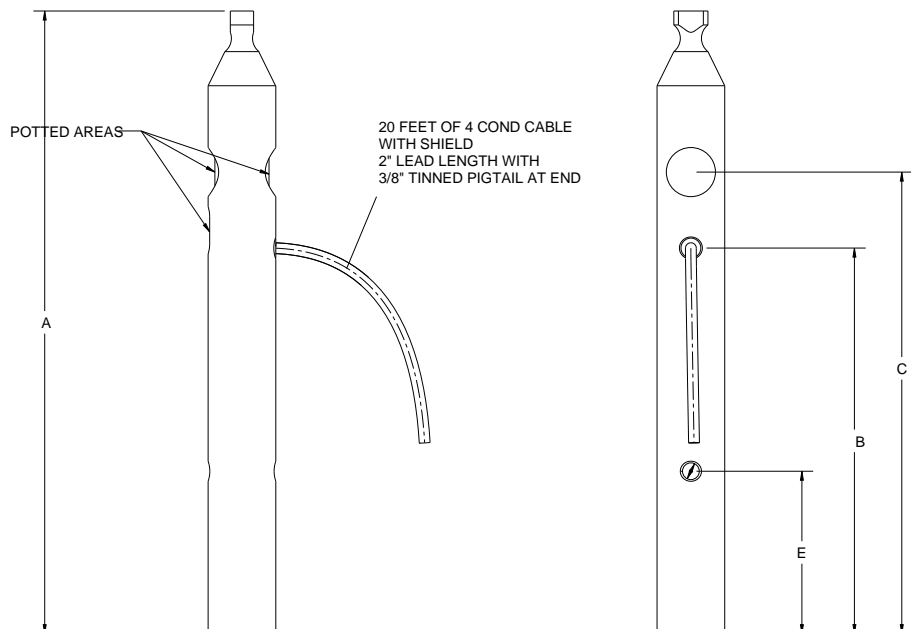
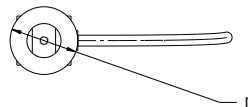
**Dimensions**

*Picture is a representation of actual product*

Rated Capacity	A	B	C	D	E
<b>lb/in</b>					
1,250	11.50	7.12	8.52	1.25	3.0
2,500	11.50	8.5	8.4	1.62	3.0
5,000	10.9	5.5	7.4	2.0	3.0
10,000	12.6	5.9	8.0	2.5	3.0
<b>kg/mm</b>					
566.99	292.1	180.9	216.5	31.8	76.2
1,134.0	292.1	215.3	212.9	41.1	76.2
2,268.0	276.9	138.8	187.5	50.8	76.2
4,535.9	320.5	149.6	203.2	63.5	76.2

**Order Information**

Load Rating		Part#	Est. Weight	Price
1,250 lb	566.99 kg	<b>119788</b>	5 lb	\$695.00
2,500 lb	1,134.0 kg	<b>119789</b>	7 lb	\$695.00
5,000 lb	2,268.0 kg	<b>119790</b>	9 lb	\$795.00
10,000 lb	4,535.9 kg	<b>119791</b>	17 lb	\$895.00



# RL3201 1WB-T

Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, Potted, IP67



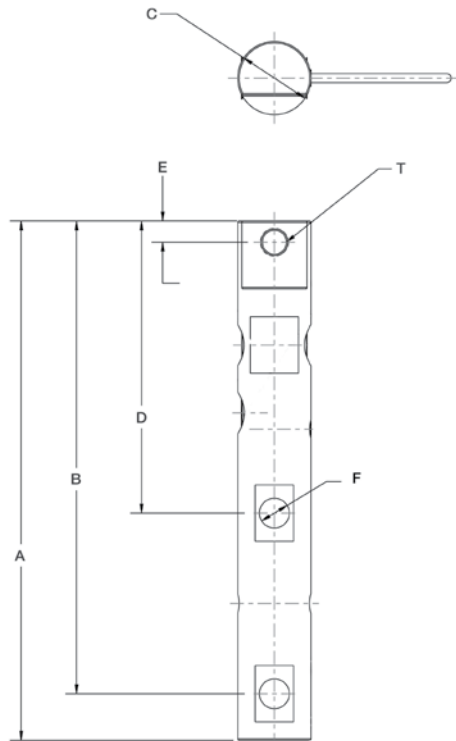
## Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	T
lb/in							
1,250	11.50	10.47	1.25	6.47	0.47	0.53	1/2-13UNC
2,500	11.50	10.47	1.62	6.47	0.47	0.66	5/8-11 UNC
kg/mm							
566.99	292.1	265.9	31.75	164.3	24.6	13.46	—
1,134.0	292.1	265.9	41.14	164.3	24.6	16.76	—

## Order Information

Load Rating		Part #	Est. Weight	Price
1,250 lb	566.99 kg	<b>119796</b>	3 lb	\$495.00
2,500 lb	1,134.0 kg	<b>119797</b>	3 lb	\$495.00



## Interchangeable Products

AVERY WEIGH TRONIX®  
Weigh Bar

## Specifications

### Full Scale Output:

2.0 (± 0.1%) mV/V

### Output Resistance:

350 (± 3) ohm

### Input Resistance:

385 (± 10) ohm

### Material/Finish:

Stainless steel

### Temperature:

Compensated range

14°F to 104°F/-10°C to 40°C

Operating range

-40°F to 150°F/-40°C to 65°C

### Safe Overload:

150% full scale

### Safe Sideload:

100% full scale

### Rated Excitation:

5-10 VDC

### Combined Error:

0.02% full scale

### Non-Repeatability:

± 0.01% full scale

### Insulation Resistance:

5,000 megohms

### Cable Color Code:

Green ..... + Excitation

Black ..... - Excitation

White ..... + Signal

Red ..... - Signal

### Seal Type:

Environmentally sealed, IP67

### Cable Length:

20 ft (6.1 m)

### Cable Diameter:

0.190 polyurethane jacket

### Warranty:

Two-year limited warranty

### Approvals:



**Interchangeable Products**

VPG REVERE<sup>®</sup>  
**5103\***

VPG CELTRON<sup>®</sup>  
**CSB**

ARTECH<sup>®</sup>  
**70210**

METTLER-TOLEDO<sup>®</sup>  
**SLD 430**

\*Conduit adapter optional

**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS  
**EZ Mount 1**



**Specifications**

**Full Scale Output:**  
3.0mV/V

**Output Resistance:**  
700 (± 5) ohm

**Input Resistance:**  
770 (± 10) ohm

**Material/Finish:**  
High-alloy steel, nickel plated

**Temperature:**  
Compensated range  
14° F to 104° F/-10° C to 40° C  
Operating range  
-40° F to 150° F/-40° C to 65° C

**Safe Overload:**  
150% full scale

**Safe Sideload:**  
100% full scale

**Rated Excitation:**  
5-10 VDC (15 V maximum)

**Combined Error:**  
0.02% full scale

**Insulation Resistance:**  
5,000 megohms

**Seal Type:**  
Environmentally sealed, IP67

**Deflection at Capacity:**  
5,000 lb=0.02 in (0.5 mm)  
10,000 lb=0.025 in (0.6 mm)  
20,000 lb=0.042 in (1.1 mm)  
30,000-50,000 lb=0.02 in (0.5 mm)  
60,000 lb=0.025 in (0.6 mm)  
100,000 lb=0.02 in (0.5 mm)

**Cable Length:**  
30 ft (9.1 m)

**Cable Diameter:**  
5,000-10,000 lb = 0.210 in  
20,000-150,000 lb = 0.228 in  
200,000-250,000 lb = 0.315 in

**Cable Color Code:**  
Red .....+ Excitation  
Black.....- Excitation  
Green.....+ Signal  
White .....- Signal

**Warranty:**  
Two-year limited warranty

**Approvals:**



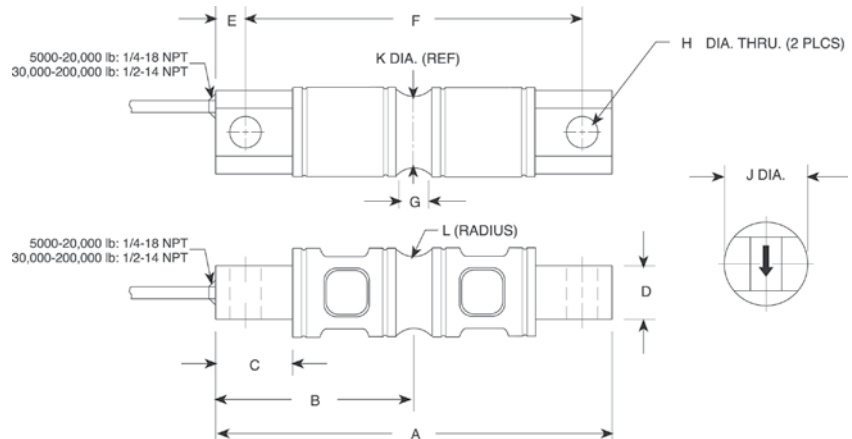
**Dimensions**

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	J	K	L
<b>lb/in</b>											
5,000-10,000	8.12	4.06	1.44	1.12	0.62	6.88	0.62	0.66	1.70	1.48	0.50
20,000	8.12	4.06	1.44	1.12	0.62	6.88	0.84	0.66	1.95	1.48	0.50
30,000-60,000	10.25	5.12	1.88	2.37	0.88	8.50	1.00	1.06	3.20	2.73	1.00
100,000	11.25	5.62	1.88	2.50	0.88	9.50	1.00	1.06	3.50	3.24	1.50
150,000	11.25	5.62	1.88	2.80	0.88	9.50	1.25	1.06	3.90	3.64	1.50
200,000-250,000	16.10	8.05	3.05	4.60	1.55	13.00	1.30	1.56	5.38	5.17	2.00
<b>kg/mm</b>											
2,268.0-9,071.9	206.3	103.1	36.6	28.5	15.8	174.8	15.8	16.8	55.9	37.6	12.7
9,071.9	206.3	103.1	36.6	28.5	21.3	174.8	21.3	16.8	52.8	37.6	12.7
13,607.8-27,215.6	260.4	130.1	47.8	60.2	22.4	215.9	25.4	26.9	81.3	69.3	25.4
45,359.4	285.8	142.8	47.8	63.5	22.4	241.3	25.4	26.9	88.9	82.3	25.4
68,038.8	285.8	142.8	47.8	71.1	22.4	241.3	31.8	26.9	99.1	92.5	38.1
90,718.5-113,398	409.0	204.5	77.5	116.8	39.4	330.2	33.0	39.6	136.7	131.3	50.8

**Order Information**

Load Rating	Part#	Est. Weight	Price
<b>NTEP Certified</b>			
5,000 lb	36263	5 lb	\$655.00
10,000 lb	36264	6 lb	\$655.00
20,000 lb	36265	7 lb	\$655.00
30,000 lb	36266	18 lb	\$755.00
40,000 lb	36267	18 lb	\$755.00
50,000 lb	36268	18 lb	\$755.00
60,000 lb	36269	18 lb	\$755.00
100,000 lb	36270	28 lb	\$1,475.00
150,000 lb	36976	34 lb	\$1,475.00
200,000 lb	36977	90 lb	\$2,775.00
<b>Non-NTEP Certified</b>			
250,000 lb	36978	93 lb	\$2,775.00



# RL7000SS

Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III/1:10,000 III/L Multiple Cell, IP67



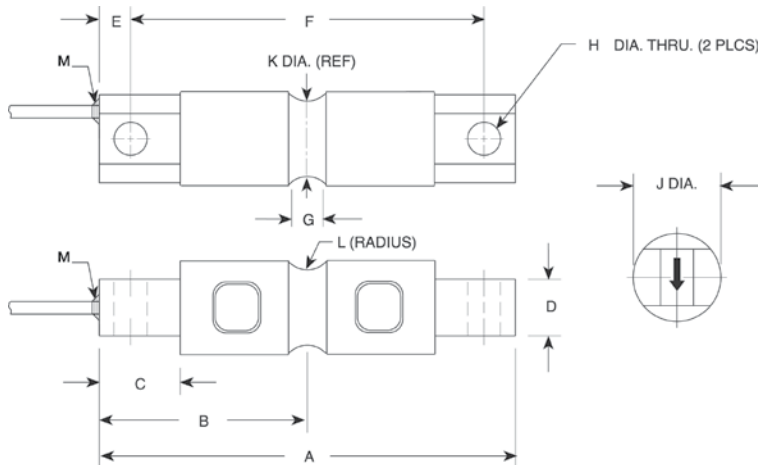
## Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	J	K	L	M
<b>lb/in</b>												
5,000-10,000	8.12	4.06	1.44	1.12	0.62	6.88	0.62	0.66	1.70	1.48	0.50	1/4-18 NPT
20,000	8.12	4.06	1.44	1.12	0.62	6.88	0.84	0.66	1.95	1.48	0.50	1/4-18 NPT
30,000-60,000	10.25	5.12	1.88	2.37	0.88	8.50	1.00	1.06	3.20	2.73	1.00	1/2-14 NPT
100,000	11.25	5.62	1.88	2.50	0.88	9.50	1.00	1.06	3.50	3.24	1.50	1/2-14 NPT
150,000	11.25	5.62	1.88	2.80	0.88	9.50	1.25	1.06	3.90	3.64	1.50	1/2-14 NPT
<b>kg/mm</b>												
2,268.0-4,535.9	206.3	103.1	36.6	28.5	15.8	174.8	15.8	16.8	43.2	37.6	12.7	1/4-18 NPT
9,071.9	206.3	103.1	36.6	28.5	15.8	174.8	21.3	16.8	49.5	37.6	12.7	1/4-18 NPT
13,607.8-27,215.6	260.4	130.1	47.8	60.2	22.4	215.9	25.4	26.9	81.3	69.3	25.4	1/2-14 NPT
45,359.4	285.8	142.8	47.8	63.5	22.4	241.3	25.4	26.9	88.9	82.3	38.1	1/2-14 NPT
68,038.9	285.8	142.8	47.8	71.1	22.4	241.3	31.8	26.9	99.1	92.5	38.1	1/2-14 NPT

## Order Information

Load Rating	Part #	Est. Weight	Price
<b>NTEP Certified</b>			
10,000 lb	30432	5 lb	\$775.00
20,000 lb	30433	6 lb	\$775.00
30,000 lb	30434	22 lb	\$850.00
40,000 lb	30435	22 lb	\$850.00
50,000 lb	30436	22 lb	\$950.00
60,000 lb	30437	22 lb	\$950.00
100,000 lb	30444	30 lb	\$1,850.00
<b>Non-NTEP Certified</b>			
5,000 lb	30431	5 lb	\$725.00
150,000 lb	30445	30 lb	\$1,850.00



## Interchangeable Products

VPG REVERE®  
**9103**

METTLER TOLEDO®  
**SLD-530**

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS  
**EZ Mount 1**

## Specifications

### Full Scale Output:

3.0 mV/V

### Output Resistance:

700 (± 7) ohm

### Input Resistance:

700 (± 7) ohm

### Material/Finish:

Stainless steel

### Temperature:

Compensated range  
0°F to 150°F/-18°C to 65°C  
Operating range  
-40°F to 150°F/-40°C to 65°C

### Safe Overload:

150% full scale

### Safe Sideload:

100% full scale

### Rated Excitation:

5-10 V AC/DC (15 V max)

### Non-repeatability:

0.02% full scale

### Combined Error:

0.03% full scale

### Insulation Resistance:

5,000 megohms

### Deflection at Capacity:

5,000 lb=0.02 in (0.5 mm)  
10,000 lb=0.025 in (.6 mm)  
20,000 lb=0.042 in (1.1 mm)  
30,000 lb-50,000 lb=0.02 in (0.5 mm)  
60,000 lb=0.025 in (0.6 mm)  
100,000-150,000 lb=0.02 in (0.5 mm)

### Seal Type:

Environmentally sealed, IP67

### Cable Length:

5,000 lb-150,000 lb=30 ft (10 m)

### Cable Diameter:

0.295 polyurethane jacket

### Cable Color Code:

Red ..... + Excitation  
Black ..... - Excitation  
Green ..... + Signal  
White ..... - Signal

### Warranty:

Two-year limited warranty

### Approvals:



**Interchangeable Products**

RICE LAKE WEIGHING SYSTEMS

**RL70000SS**

VPG REVERE®

**9103****Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

**EZ Mount 1****Specifications****Full Scale Output:**

3.0 mV/V, nominal

**Output Resistance:**

700 ±5 ohm

**Input Resistance:**

780 ±10 ohm

**Material/Finish:**

Stainless steel

**Temperature:**

Compensated range

0°F to 150°F/-18°C to 65°C

Operating range

-40°F to 150°F/-40°C to 65°C

**Safe Overload:**

150% full scale

**Safe Sideload:**

100% full scale

**Non Linearity:**

0.03% full scale

**Hysteresis:**

0.05% full scale

**Rated Excitation:**

5-15 VDC

**Insulation Resistance:**

5,000 megohms

**Cable Diameter:**

0.190 polyurethane jacket

**Cable Color Code:**

Red .....+ Excitation  
 Black.....- Excitation  
 Green .....+ Signal  
 White .....- Signal  
 Orange .....Shield

**Seal Type:**

Hermetically sealed, IP68

**Cable Length:**

25 ft (7.6 m)

**Warranty:**

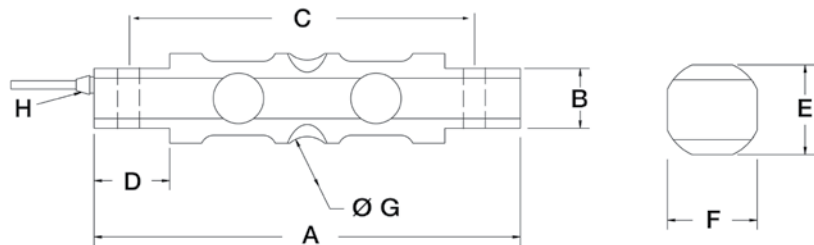
Two-year limited warranty

**Approvals:****Dimensions***Picture is a representation of actual product*

Rated Capacity	A	B	C	D	E	F	ØG	H
<b>lb/in</b>								
5,000-20,000	8.12	1.14	6.88	1.44	1.71	1.71	1.00	1/4-18 NPT
30,000-60,000	10.25	2.38	8.50	1.88	3.03	3.03	2.00	1/2-14 NPT
<b>kg/mm</b>								
2,268.0-9,071.9	206.2	28.9	174.7	36.5	43.43	43.43	25.4	1/4-18 NPT
13,607.8-27,215.5	260.3	60.4	215.9	47.7	76.96	76.96	50.8	1/2-14 NPT

**Order Information**

Load Rating	Part#	Est. Weight	Price
5000 lb	<b>118462</b>	5 lb	\$1,195.00
10,000 lb	<b>118463</b>	5 lb	\$1,195.00
20,000 lb	<b>118464</b>	5 lb	\$1,195.00
30,000 lb	<b>118465</b>	20 lb	\$1,595.00
40,000 lb	<b>118466</b>	20 lb	\$1,595.00
50,000 lb	<b>118467</b>	20 lb	\$1,595.00
60,000 lb	<b>118468</b>	20 lb	\$1,595.00



# RL75016

Alloy Steel, Environmentally Sealed, IP67



## Interchangeable Products

VPG CELTRON®  
**DSR**

VPG SENSORTRONICS®  
**65016**

VPG REVERE®  
**5203**

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS  
**RL1600 Series**

## Dimensions

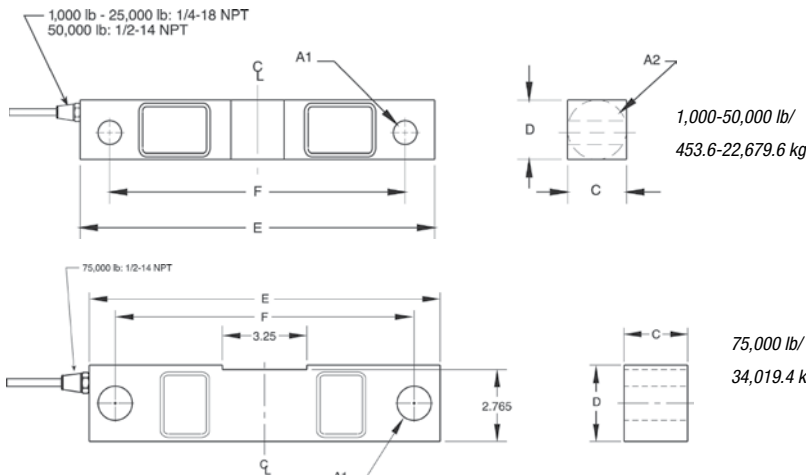
Picture is a representation of actual product

Rated Capacity	A1	A2	C	D	E	F
<b>lb/in</b>						
1,000-5,000	0.50	1.25	1.25	1.25	7.50	6.25
10,000-25,000	0.81	1.99	1.44	1.94	8.75	7.50
50,000	1.31	3.00	2.44	2.94	13.50	11.50
75,000	1.31	—	2.44	2.94	13.50	11.50
<b>kg/mm</b>						
453.6-2,268.0	12.7	31.8	31.8	31.8	190.5	158.8
4,535.9-11,339.8	20.6	50.8	36.6	49.3	222.3	190.5
22,679.6	33.3	76.2	62.0	74.7	342.9	292.1
34,019.4	33.3	—	62.0	74.7	342.9	292.1

## Order Information

Load Rating		Part#	Est. Weight	Price
1,000 lb	453.6 kg	<b>17300</b>	4 lb	\$525.00
1,500 lb	680.4 kg	<b>17302</b>	4 lb	\$525.00
2,000 lb	907.2 kg	<b>17304</b>	4 lb	\$525.00
2,500 lb	1,134.0 kg	<b>17306</b>	4 lb	\$525.00
3,000 lb	1,360.8 kg	<b>17308</b>	4 lb	\$525.00
5,000 lb	2,268.0 kg	<b>17309</b>	4 lb	\$525.00
10,000 lb	4,535.9 kg	<b>17311</b>	7 lb	\$600.00
15,000 lb	6,803.9 kg	<b>17313</b>	7 lb	\$600.00
20,000 lb	9,071.9 kg	<b>17315</b>	7 lb	\$600.00
25,000 lb	11,339.8 kg	<b>17317</b>	7 lb	\$600.00
50,000 lb	22,679.6 kg	<b>17319</b>	25 lb	\$925.00
75,000 lb*	34,019.4 kg	<b>25357</b>	25 lb	\$925.00

\*75,000 lb capacity has a square center



## Specifications

**Full Scale Output:**  
3.0 mV/V

**Output Resistance:**  
700 (± 5) ohm

**Input Resistance:**  
770 (± 10) ohm

**Material/Finish:**  
High-alloy steel, nickel plated

**Temperature:**  
Operating range  
-40° F to 150° F / -40° C to 65° C

**Safe Overload:**  
150% full scale

**Safe Sideload:**  
100% full scale

**Rated Excitation:**  
5-10 VDC (15 V maximum)

**Nonlinearity:**  
0.03% full scale

**Deflection at Capacity:**  
1,000 lb-3,000 lb=0.01 in (0.3 mm)  
5,000 lb=0.015 in (0.4 mm)  
10,000-20,000 lb=0.022 in (0.6 mm)  
25,000 lb=0.036 in (0.9 mm)  
50,000 lb=0.052 in (1.3 mm)  
75,000 lb=0.07 in (1.8 mm)

**Hysteresis:**  
0.02% full scale

**Insulation Resistance:**  
5,000 megohms

**Seal Type:**  
Environmentally sealed, IP67

**Cable Length:**  
25 ft (7.6 m)

**Cable Diameter:**  
1,000 lb-25,000 lb=0.200 polyurethane jacket  
50,000 lb-75,000 lb=0.305 polyurethane jacket

**Cable Color Code:**  
Red .....+ Excitation  
Black.....- Excitation  
Green .....+ Signal  
White .....- Signal

**Warranty:**  
Two-year limited warranty

**Approvals:**





### Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

**RL75016 (Alloy)**

VPG CELTRON®

**DSR (Alloy)**

VPG SENSORTRONICS®

**65016 (Alloy)**

### Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**RL1600 Series**



### Specifications

**Full Scale Output:**

3.0 mV/V

**Output Resistance:**

700 (± 5) ohm

**Input Resistance:**

770 (± 10) ohm

**Material/Finish:**

High-alloy steel, nickel plated, painted

**Temperature:**

Operating range  
 -40° F to 150° F / -40° C to 65° C

**Safe Overload:**

150% full scale

**Safe Sideload:**

100% full scale

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Nonlinearity:**

0.03% full scale

**Hysteresis:**

0.02% full scale

**Insulation Resistance:**

5,000 megohms

**Seal Type:**

Environmentally sealed, IP67

**Cable Length:**

25ft (7.6m)

**Cable Color Code:**

Red .....+ Excitation  
 Black.....- Excitation  
 Green .....+ Signal  
 White .....- Signal

**Warranty:**

Two-year limited warranty

**Approvals:**



### Dimensions

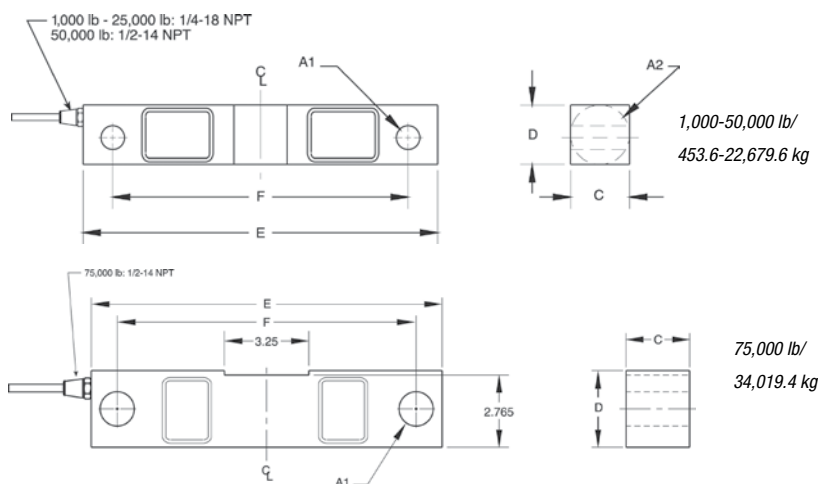
Picture is a representation of actual product

Rated Capacity	A1	A2	C	D	E	F
<b>lb/in</b>						
1,000-5,000	0.50	1.25	1.25	1.25	7.50	6.25
10,000-25,000	0.81	1.99	1.44	1.94	8.75	7.50
50,000	1.31	3.00	2.44	2.94	13.50	11.50
75,000	1.31	—	2.44	2.94	13.50	11.50
<b>kg/mm</b>						
453.6-2,268.0	12.7	31.8	31.8	31.8	190.5	158.8
4,535.9-11,339.8	20.6	50.8	36.6	49.3	222.3	190.5
22,679.6	33.3	76.2	62.0	74.7	342.9	292.1
34,019.4	33.3	—	62.0	74.7	342.9	292.1

### Order Information

Load Rating	Part#	Est. Weight	Price
1,000 lb	<b>187058</b>	4 lb	\$550.00
1,500 lb	<b>187059</b>	4 lb	\$550.00
2,000 lb	<b>187060</b>	4 lb	\$550.00
2,500 lb	<b>187061</b>	4 lb	\$550.00
3,000 lb	<b>187062</b>	4 lb	\$550.00
5,000 lb	<b>187063</b>	4 lb	\$550.00
10,000 lb	<b>187064</b>	7 lb	\$625.00
15,000 lb	<b>187065</b>	7 lb	\$625.00
20,000 lb	<b>187066</b>	7 lb	\$625.00
25,000 lb	<b>187067</b>	7 lb	\$625.00
50,000 lb	<b>187068</b>	25 lb	\$950.00
75,000 lb*	<b>187069</b>	25 lb	\$950.00

\*75,000 lb capacity has a square center



## DOUBLE-ENDED BEAM

**RL75016SS**

Stainless Steel, Environmentally Sealed, IP67

**Dimensions**

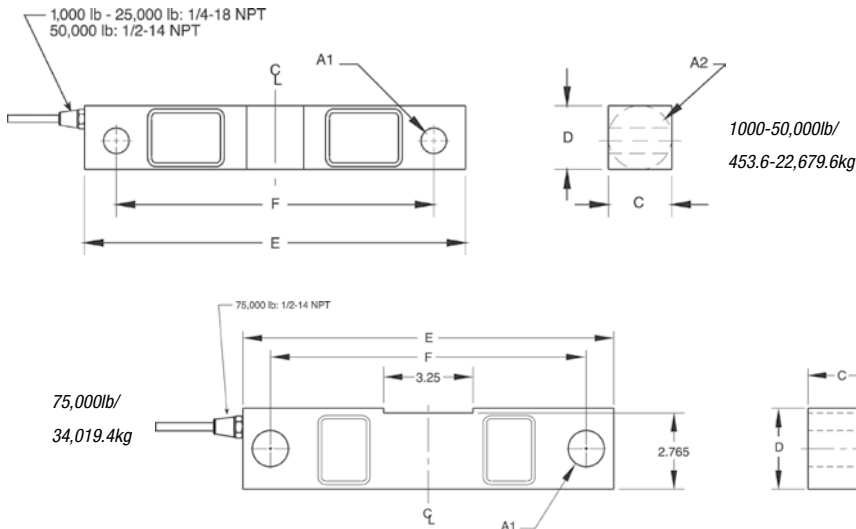
Picture is a representation of actual product

Rated Capacity	A1	A2	C	D	E	F
<b>lb/in</b>						
1,000-5,000	0.50	1.25	1.25	1.25	7.50	6.25
10,000-25,000	0.81	1.99	1.44	1.94	8.75	7.50
50,000	1.31	3.00	2.44	2.94	13.50	11.50
75,000	1.31	—	2.44	2.94	13.50	11.50
<b>kg/mm</b>						
453.6-2,268.0	12.7	31.8	31.8	31.8	190.5	158.8
4,535.9-11,339.8	20.6	50.8	36.6	49.3	222.3	190.5
22,679.6	33.3	76.2	62.0	74.7	342.9	292.1
34,019.4	33.3	—	62.0	74.7	342.9	292.1

**Order Information**

Load Rating		Part #	Est. Weight	Price
1,000 lb	453.6 kg	<b>17301</b>	4 lb	\$550.00
1,500 lb	680.4 kg	<b>17303</b>	4 lb	\$550.00
2,000 lb	907.2 kg	<b>17305</b>	4 lb	\$550.00
2,500 lb	1,134.0 kg	<b>17307</b>	4 lb	\$550.00
5,000 lb	2,268.0 kg	<b>17310</b>	4 lb	\$550.00
10,000 lb	4,535.9 kg	<b>17312</b>	7 lb	\$625.00
15,000 lb	6,803.9 kg	<b>17314</b>	7 lb	\$625.00
20,000 lb	9,071.9 kg	<b>17316</b>	7 lb	\$625.00
25,000 lb	11,334.8 kg	<b>17318</b>	7 lb	\$625.00
50,000 lb	22,679.6 kg	<b>17320</b>	25 lb	\$1,225.00
75,000 lb*	34,019.4 kg	<b>25356</b>	27 lb	\$1,225.00

\*75,000 lb capacity has a square center

**Interchangeable Products**

RICE LAKE WEIGHING SYSTEMS

**RL75016WHE\***

VPG SENSORTRONICS®

**65016W**

VPG SENSORTRONICS

**65016WH\***

VPG REVERE®

**9203**

VPG CELTRON®

**DSR-HSS**

\*Hermetically sealed

**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

**RL1600 Series****Specifications****Full Scale Output:**

3.0 mV/V

**Output Resistance:**

700 (± 5) ohm

**Input Resistance:**

770 (± 10) ohm

**Material/Finish:**

Stainless steel

**Temperature:**

Operating range -40° F to 150° F / -40° C to 65° C

**Safe Overload:**

150% full scale

**Safe Sideload:**

100% full scale

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Nonlinearity:**

0.07% full scale

**Hysteresis:**

0.02% full scale

**Cable Diameter:**1,000 lb-25,000 lb=0.200 polyurethane jacket  
50,000 lb-75,000 lb=0.305 polyurethane jacket**Deflection at Capacity:**1,000 lb-3,000 lb=0.01 in (0.3 mm)  
5,000 lb=0.015 in (0.4 mm)  
10,000 lb-20,000 lb=0.022 in (0.6 mm)  
25,000 lb=0.036 in (0.9 mm)  
50,000 lb=0.052 in (1.3 mm)  
75,000 lb=0.07 in (1.8 mm)**Insulation Resistance:**

5,000 megohms

**Seal Type:**

Environmentally sealed, IP67

**Cable Length:**

25 ft (7.6 m)

**Cable Color Code:**Red ..... + Excitation  
Black ..... - Excitation  
Green ..... + Signal  
White ..... - Signal**Warranty:**

Two-year limited warranty

**Approvals:**

### Interchangeable Products

RICE LAKE WEIGHING SYSTEMS  
**RL75016SS**  
 RICE LAKE WEIGHING SYSTEMS  
**RL75016WHE**  
 VPG CELTRON®  
**DSR-HSS**



### Specifications

- Full Scale Output:**  
3.0 mV/V
- Output Resistance:**  
700 (± 5) ohm
- Input Resistance:**  
770 (± 10) ohm
- Material/Finish:**  
Stainless steel
- Temperature:**  
Operating range  
-40° F to 150° F / -40° C to 65° C
- Safe Overload:**  
100% full scale
- Rated Excitation:**  
5-10 VDC (15 V max)
- Hysteresis:**  
0.02% full scale
- Linearity:**  
0.03% full scale
- Seal Type:**  
Welded seal, IP67
- Cable Length:**  
25 ft (7.6 m)
- Cable Color Code:**  
Red .....+ Excitation  
Black.....- Excitation  
Green.....+ Signal  
White.....- Signal
- Warranty:**  
Two-year limited warranty

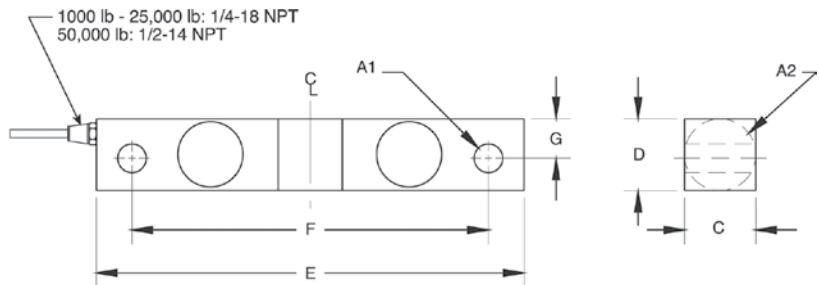
### Dimensions

Picture is a representation of actual product

Rated Capacity	A1	A2	C	D	E	F	G
<b>lb/in</b>							
1,000-5,000	0.50	1.25	1.25	1.25	7.50	6.25	0.69
10,000-25,000	0.81	1.99	1.44	1.94	8.75	7.50	0.96
50,000	1.31	3.00	2.44	2.94	13.50	11.50	1.50
<b>kg/mm</b>							
453.6-2,268.0	12.7	31.8	31.8	31.8	190.5	158.8	17.5
4535.9-11,339.8	20.6	50.8	36.6	49.3	222.3	190.5	24.4
22,679.6	33.3	76.2	62.0	74.7	342.9	292.1	38.1

### Order Information

Load Rating	Part#	Est. Weight	Price
1,000 lb	<b>168114</b>	5 lb	\$595.00
5,000 lb	<b>168115</b>	5 lb	\$595.00
10,000 lb	<b>168116</b>	7 lb	\$675.00
15,000 lb	<b>168117</b>	7 lb	\$675.00
20,000 lb	<b>168118</b>	7 lb	\$675.00
25,000 lb	<b>168119</b>	7 lb	\$675.00
50,000 lb	<b>168120</b>	33 lb	\$1,295.00



DOUBLE-ENDED BEAM

# RL75016WHE

Stainless Steel, Hermetically Sealed, IP69K

LOAD CELLS / WEIGH MODULES



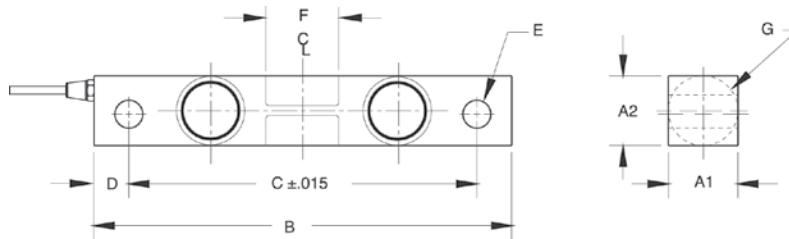
## Dimensions

Picture is a representation of actual product

Rated Capacity	A1	A2	B	C	D	E	F	G	CONDUIT ADAPTER
<b>lb/in</b>									
1,000-5,000	1.22	1.22	7.50	6.25	0.62	0.50	1.12	1.25	1/2-14 NPT
10,000-25,000	1.44	1.94	8.75	7.50	0.62	0.81	1.62	1.99	1/2-14 NPT
<b>kg/mm</b>									
453.6-2,268.0	31.0	31.0	190.5	158.8	15.7	12.7	28.4	31.8	1/2-14 NPT
4,535.9-11,339.8	36.6	49.3	222.3	190.5	15.7	20.6	41.1	50.5	1/2-14 NPT

## Order Information

Load Rating		Part#	Est. Weight	Price
1,000 lb	453.6 kg	<b>67043</b>	4 lb	\$695.00
1,500 lb	680.4 kg	<b>67044</b>	4 lb	\$695.00
2,000 lb	907.2 kg	<b>67045</b>	4 lb	\$695.00
2,500 lb	1,124.0 kg	<b>67046</b>	4 lb	\$695.00
5,000 lb	2,268.0 kg	<b>67047</b>	4 lb	\$695.00
10,000 lb	4,535.9 kg	<b>67048</b>	7 lb	\$785.00
15,000 lb	6,803.9 kg	<b>67049</b>	7 lb	\$785.00
20,000 lb	9,071.8 kg	<b>67050</b>	7 lb	\$785.00
25,000 lb	11,339.8 kg	<b>67051</b>	7 lb	\$785.00



## Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

**RL75016SS\***

RICE LAKE WEIGHING SYSTEMS

**RL75016SS-W\***

VPG CELTRON®

**DSR-HSS\***

VPG SENSORTRONICS®

**65016W\***

VPG SENSORTRONICS®

**65016WH**

\*Welded seal

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**RL1600 Series**

## Specifications

### Full Scale Output:

3.0 mV/V

### Output Resistance:

699-707 ohm

### Input Resistance:

686-714 ohm

### Material/Finish:

Stainless steel

### Temperature:

Operating range  
-40° F to 150° F / -40° C to 65° C

### Safe Overload:

150% full scale

### Safe Sideload:

100% full scale

### Rated Excitation:

5-10 VDC (15 V maximum)

### Total Error:

0.03% full scale

### Insulation Resistance:

2,000 megohms

### Seal Type:

Hermetically sealed, IP69K

### Cable Length:

25 ft (7.6 m)

### Cable Diameter:

0.200 polyurethane jacket

### Cable Color Code:

Red .....+ Excitation  
Black.....- Excitation  
Green.....+ Signal  
White.....- Signal

### Warranty:

Two-year limited warranty

### Approvals:



www.ricelake.com | Phone: 800-472-6703

RICE LAKE

**Interchangeable Products**

VPG SENSORTRONICS®

**65058A**

VPG CELTRON®

**CLB**

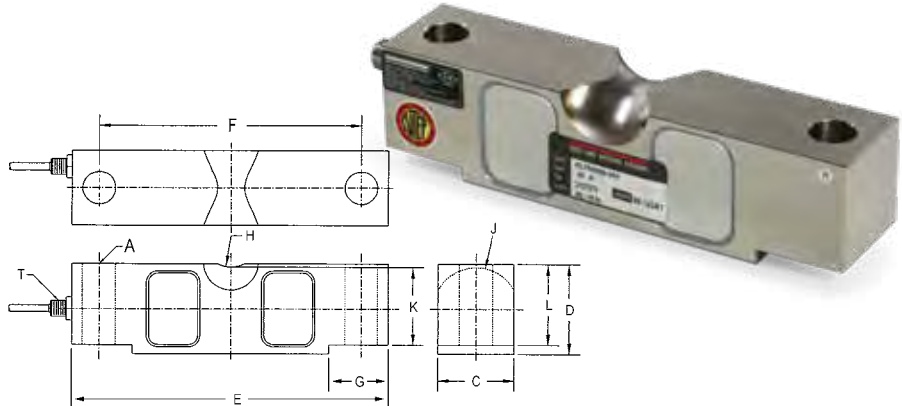
**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

**2100HE**

RICE LAKE WEIGHING SYSTEMS

**MVS**



Picture is a representation of actual product

**Specifications**

**Full Scale Output:**

3.0 mV/V

**Output Resistance:**

700 (± 5) ohm

**Input Resistance:**

770 (± 10) ohm

**Material/Finish:**

High-alloy steel, nickel plated

**Temperature:**

Compensated range

14° F to 104° F / -10° C to 40° C

Operating range

-40° F to 150° F / -40° C to 65° C

**Safe Overload:**

150% full scale

**Safe Sideload:**

100% full scale

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Nonlinearity:**

0.03% full scale

**Hysteresis:**

0.02% full scale

**Insulation Resistance:**

5,000 megohms

**Seal Type:**

Environmentally sealed, IP67

**Cable Length:**

35 ft (10.6 m)

**Cable Diameter:**

0.200 polyurethane jacket 10,000 lb-25,000 lb

0.305 polyurethane jacket 40,000 lb-125,000 lb

**Cable Color Code:**

Red .....+ Excitation

Black.....- Excitation

Green.....+ Signal

White.....- Signal

**Warranty:**

Two-year limited warranty

**Approvals:**



**Dimensions**

Rated Capacity	A	C	D	E	F	G	H	J	K	L	T
<b>lb/in</b>											
10,000-25,000	0.68	1.69	1.94	7.75	6.50	1.38	0.75	0.90	1.63	1.70	1/4-18 NPT
40,000	0.81	1.94	2.44	10.25	8.50	1.93	1.00	1.12	2.00	2.10	1/4-18 NPT
50,000-75,000	1.06	2.44	2.94	10.25	8.50	1.93	1.00	1.37	2.54	2.65	1/2-14 NPT
100,000-125,000	1.62	2.90	3.86	15.25	12.75	3.13	1.50	1.80	3.30	3.43	1/2-14 NPT
<b>kg/mm</b>											
4,536.1-11,339.8	17.3	42.9	49.3	196.9	165.1	35.1	19.1	22.9	41.4	43.2	1/4-18 NPT
18,143.7	20.6	49.3	62.0	260.4	215.9	49.0	25.4	28.5	50.8	53.3	1/4-18 NPT
22,679.6-34,019.4	26.9	62.0	74.7	260.4	215.9	49.0	25.4	34.8	64.5	67.3	1/2-14 NPT
45,359.4-56,699.1	41.2	737.0	980.0	387.4	323.9	79.5	38.1	45.7	83.8	87.1	1/2-14 NPT

**Order Information**

Load Rating	Part #	Est. Weight	Price
<b>NTEP Certified</b>			
20,000 lb	34314	8 lb	\$635.00
25,000 lb	34315	8 lb	\$635.00
40,000 lb	34316	13 lb	\$760.00
50,000 lb	34317	19 lb	\$835.00
60,000 lb	34318	19 lb	\$835.00
75,000 lb	34319	19 lb	\$835.00
100,000 lb	34320	40 lb	\$1,575.00
125,000 lb	34321	40 lb	\$1,575.00
<b>Non-NTEP Certified</b>			
10,000 lb	41890		\$615.00
<b>60 ft Cables</b>			
50,000 lb	53417	20 lb	\$895.00
75,000 lb**	39516	20 lb	\$895.00
75,000 lb*	73839	20 lb	\$995.00
125,000 lb	96944	40 lb	\$1,625.00
<b>100 ft Cable</b>			
75,000 lb	74725	22 lb	\$995.00

\*Stainless steel overbraid cable

\*\*Used in Rice Lake truck scales

**Replacement Load Cells for RL75058 Class III Rice Lake Coil Scale**

Load Rating	Part #	Est. Weight	Price
20,000 lb	121439	8 lb	\$635.00
25,000 lb	121440	8 lb	\$635.00
40,000 lb	121441	13 lb	\$760.00
50,000 lb	121442	19 lb	\$835.00
60,000 lb	121443	19 lb	\$835.00
75,000 lb	121444	19 lb	\$835.00

DOUBLE-ENDED BEAM

**RL75060S**

Stainless Steel, Welded Seal, NTEP Certified 1:5,000 III/1:10,000 Class IIIL Multiple Cell, IP67

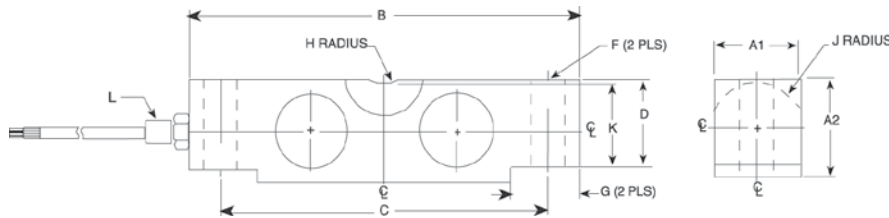
**Dimensions**

Picture is a representation of actual product

Rated Capacity	F	A1	A2	B	C	G	H	J	K	D	L
<b>lb/in</b>											
20,000-25,000	0.68	1.69	1.94	7.75	6.50	1.38	0.75	0.90	1.63	1.70	1/4-18 NPT
35,000-75,000	1.06	2.44	2.94	10.25	8.50	1.93	1.00	1.37	2.54	2.65	1/2-14 NPT
100,000	1.06	2.44	3.44	10.25	8.50	1.93	1.00	1.37	2.54	2.65	1/2-14 NPT
<b>kg/mm</b>											
9,071.9-11,339.8	17.3	42.9	49.3	196.9	165.1	35.1	19.1	22.9	41.4	43.2	1/4-18 NPT
15,875.7-34,019.4	26.9	62.0	74.7	260.4	215.9	49.0	25.4	34.8	64.5	67.3	1/2-14 NPT
45,359.4	26.9	62.0	87.4	260.4	215.9	49.0	25.4	34.8	64.5	67.3	1/2-14 NPT

**Order Information**

Load Rating		Part #	Est. Weight	Price
20,000 lb	9,071.9 kg	<b>53481</b>	6 lb	\$875.00
25,000 lb	11,339.8 kg	<b>50559</b>	6 lb	\$875.00
35,000 lb	15,875.7 kg	<b>50560</b>	19 lb	\$1,095.00
50,000 lb	22,679.6 kg	<b>50561</b>	19 lb	\$1,095.00
60,000 lb	27,215.5 kg	<b>50562</b>	19 lb	\$1,095.00
75,000 lb	34,019.4 kg	<b>50563</b>	19 lb	\$1,095.00
100,000 lb	45,359.4 kg	<b>50564</b>	19 lb	\$1,995.00
<b>60 ft Cable</b>				
25,000 lb	11,339.8 kg	<b>157931</b>	6 lb	\$925.00

**Interchangeable Products**VPG SENSORTRONICS®  
**65058S****Weigh Module Available**RICE LAKE WEIGHING SYSTEMS  
**2100HE**  
RICE LAKE WEIGHING SYSTEMS  
**MVS****Specifications****Full Scale Output:**

3.0 mV/V

**Output Resistance:**

699-707 ohm

**Input Resistance:**

686-714 ohm

**Material/Finish:**

Stainless steel

**Temperature:**Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C**Safe Overload:**

150% full scale

**Safe Sideload:**

100% full scale

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Combined Error:**

0.02% full scale

**Insulation Resistance:**

1,000 megohms

**Seal Type:**

Welded seal, IP67

**Cable Length:**

35 ft (10.6 m)

**Cable Diameter:**0.200 polyurethane jacket 20,000 lb-25,000 lb  
0.305 polyurethane jacket 35,000 lb-100,000 lb**Cable Coloring:**Red ..... + Excitation  
Black ..... - Excitation  
Green ..... + Signal  
White ..... - Signal**Warranty:**

Two-year limited warranty

**Approvals:**

**Interchangeable Products**

- VPG REVERE®  
**5223**
- VPG SENSORTRONICS®  
**65040A-XX-1127W**
- ARTECH®  
**80210**
- THURMAN®  
**TSC 800**
- UNIBRIDGE®  
**DL9000**

**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS  
**Translink**



**Dimensions**

*Picture is a representation of actual product*

Rated Capacity	A	B	D	E	F	G	H	J	K	L	M	N	P	Q	R
<b>lb/in</b>															
50,000-65,000	10.25	5.12	1.00	0.75	0.78	2.40	4.25	8.50	1.00	2.06	1/2-14 NPT	1.50	3.00	1.03	2.20
100,000	10.25	5.12	1.00	—	—	2.40	4.25	8.50	1.00	2.06	1/2-14 NPT	1.50	3.00	1.03	2.20
<b>kg/mm</b>															
22,679.6-29,483.5	260.4	130.1	25.4	19.1	19.8	61.0	108.0	215.9	25.4	5.2	1/2-14 NPT	38.1	76.2	26.2	55.9
45,359.2	260.4	130.1	25.4	—	—	61.0	108.0	215.9	25.4	5.2	1/2-14 NPT	38.1	76.2	26.2	55.9

**Specifications**

- Full Scale Output:**  
3.0 mV/V
- Output Resistance:**  
699-707 ohm
- Input Resistance:**  
686-714 ohm
- Material/Finish:**  
High-alloy steel
- Temperature:**  
Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C

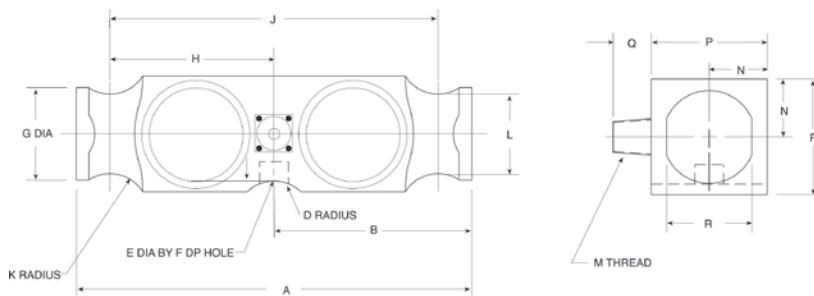
- Safe Overload:**  
150% full scale
- Safe Sideload:**  
100% full scale
- Rated Excitation:**  
5-10 VDC (15 V maximum)
- Non-repeatability:**  
0.01% full scale
- Combined Error:**  
0.03% full scale
- Insulation Resistance:**  
5,000 megohms
- Deflection at Capacity:**  
50,000 lb=0.018 in (0.5 mm)  
65,000 lb=0.022 in (0.6 mm)  
100,000 lb=0.034 in (0.9 mm)

- Seal Type:**  
Welded seal strain gauge, IP67
- Cable Length:**  
40 ft (12.2 m)  
PN 107583 60 ft (18.2 m)
- Cable Diameter:**  
0.305 polyurethane jacket
- Cable Color Code:**  
Red .....+ Excitation  
Black.....- Excitation  
Green .....+ Signal  
White .....- Signal

- Warranty:**  
Two-year limited warranty
- Approvals:**

**Order Information**

Load Rating	Part#	Est. Weight	Price
50,000 lb	<b>21611</b>	20 lb	\$850.00
65,000 lb	<b>21612</b>	20 lb	\$850.00
100,000 lb	<b>21613</b>	20 lb	\$1,095.00
<b>60 ft Cable</b>			
50,000 lb	<b>107583</b>	20 lb	\$925.00



LOAD CELLS / WEIGH MODULES

www.ricelake.com | Phone: 800-472-6703

**RICE LAKE**

# RLDB5000S

Stainless Steel, NTEP Certified 1:10000 IIL Multiple Cell, Welded Seal, IP67



**Interchangeable Products**  
 CARDINAL®  
**DB5000S**

## Specifications

- Full Scale Output:**  
2 ± 0.1% mV/V
- Output Resistance:**  
699-707 ohm
- Input Resistance:**  
686-714 ohm
- Material/Finish:**  
Stainless steel
- Temperature:**  
Compensated Range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C
- Safe Overload:**  
150% full scale
- Safe Sideload:**  
100% full scale
- Rated Excitation:**  
5-10 VDC (15 V DC maximum)
- Non-repeatability:**  
0.01% full scale
- Combined Error:**  
0.03% full scale
- Insulation Resistance:**  
5,000 megohms
- Deflection at Capacity:**  
50,000 lb=0.01 in (0.38 mm)
- Seal Type:**  
Welded seal, IP67
- Cable Length:**  
35 ft (10.6 m)
- Cable Diameter:**  
0.305 polyurethane jacket
- Cable Color Code:**  
Red ..... + Excitation  
Black..... - Excitation  
Green ..... + Signal  
White ..... - Signal
- Warranty:**  
Two-year limited warranty
- Approvals:**

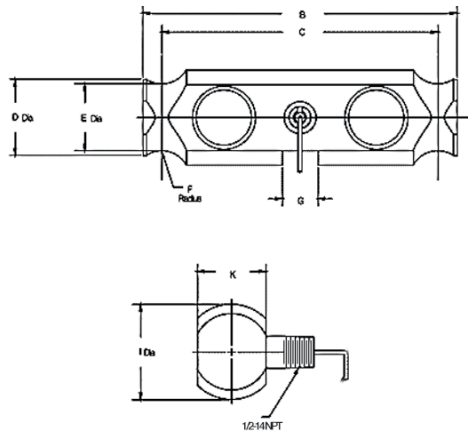
## Dimensions

Picture is a representation of actual product

Rated Capacity	B	C	D	E	F	G	K	I
lb/in								
50,000	8.25	7.25	2.00	1.76	0.75	0.93	1.8	2.5
kg/mm								
22,679.6	209.55	184.15	50.8	44.7	19.00	23.6	45.72	63.50

## Order Information

Load Rating	Part#	Est. Weight	Price
50,000 lb	91765	10 lb	\$1,195.00





**Interchangeable Products**

VPG SENSORTRONICS®

**65040A**

VPG CELTRON®

**DLB**

ARTECH®

**80310**

THURMAN®

**TSC 840**

SENTRAN

**WD1**

ANYLOAD

**102TH**

**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

**Translink™**



**Dimensions**

Picture is a representation of actual product

Rated Capacity	A	C	D	E	F	G	H	J	K
<b>lb/in</b>									
25,000-40,000	8.25	1.63	2.00	0.50	0.50	7.25	1.75	1.94	2.44
50,000 SE*-60,000 SE*	11.50	1.70	2.20	0.75	1.00	10.00	2.00	1.94	2.94
100,000-125,000	14.50	2.44	3.20	1.00	1.50	12.50	2.75	2.90	3.86
<b>kg/mm</b>									
11,339.8-18,143.7	209.6	41.4	50.8	12.7	12.7	184.2	44.5	49.3	62.0
22,679.6 SE*-27,215.5 SE*	292.1	43.2	55.9	19.1	25.4	254.0	50.8	49.3	74.7
45,359.2-56,699.1	368.3	62.00	81.3	25.4	38.1	317.5	69.9	73.7	98.0

**Specifications**

**Full Scale Output:**

3.0mV/V

**Output Resistance:**

700 (± 5) ohm

**Input Resistance:**

770 (± 10) ohm

**Material/Finish:**

High-alloy steel, nickel plated

**Temperature:**

Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40° F to 150° F/-40° C to 65° C

**Safe Overload:**

150% full scale

**Safe Sideload:**

100% full scale

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Nonlinearity:**

0.03% full scale

**Hysteresis:**

0.02% full scale

**Insulation Resistance:**

1,000 megohms

**Seal Type:**

Environmentally sealed, IP67

**Cable Length:**

35 ft (10.6 m), 40 ft (12.2 m) or 50 ft (5.2 m)

**Cable Diameter:**

0.200 polyurethane jacket 25,000 lb  
0.305 polyurethane jacket 40,000 lb-75,000 lb

**Cable Color Code:**

Red .....+ Excitation  
Black.....- Excitation  
Green .....+ Signal  
White .....- Signal

**Warranty:**

Two-year limited warranty

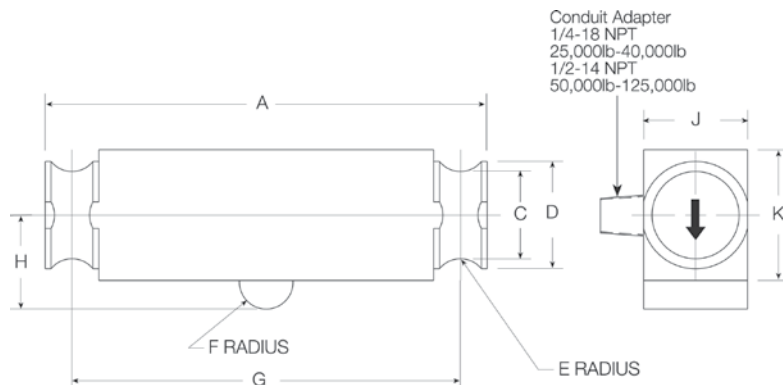
**Approvals:**



**Order Information**

Load Rating	Part#	Est. Weight	Price
<b>35 ft Cable</b>			
25,000 lb	<b>21614</b>	11 lb	\$635.00
40,000 lb	<b>21615</b>	12 lb	\$760.00
50,000 lb	<b>21616</b>	17 lb	\$835.00
60,000 lb	<b>21617</b>	17 lb	\$835.00
75,000 lb	<b>21618</b>	17 lb	\$835.00
100,000 lb	<b>21619</b>	40 lb	\$1,575.00
125,000 lb	<b>21620</b>	40 lb	\$1,575.00
<b>40 ft Cable</b>			
50,000 lb SE*	<b>87253</b>	11 lb	\$760.00
60,000 lb SE*	<b>53593</b>	11 lb	\$760.00
<b>50 ft Cable</b>			
50,000 lb	<b>21621</b>	18 lb	\$865.00
60,000 lb	<b>21622</b>	18 lb	\$865.00
75,000 lb	<b>40951</b>	18 lb	\$865.00

\*SE refers to small envelope. 700 ohm ± 14 ohm input resistance



# RLCSP1

Stainless Steel, Welded Seal, NTEP Certified 1:10,000 Class III Multiple Cell, IP67



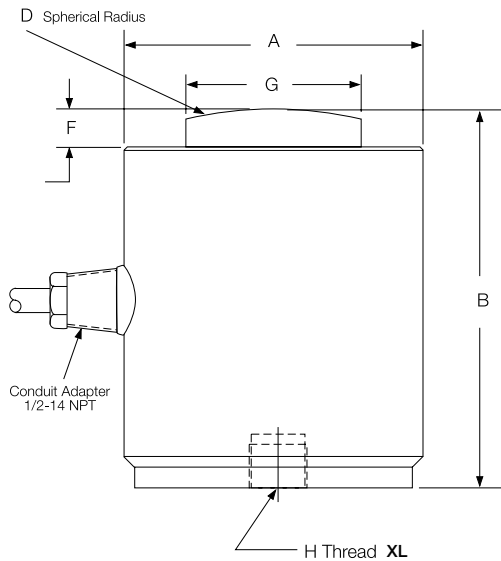
## Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	D	F	G	H	L-DEPTH
<b>lb/in</b>							
25,000-50,000	3.00	3.25	6.00	0.40	1.25	1/2-20 UNF	0.31
100,000	4.00	5.00	6.00	0.51	2.31	3/4-16 UNF	0.56
200,000	6.00	7.25	17.00	1.04	3.13	3/4-16 UNF	0.75
<b>kg/mm</b>							
11,339.8-22,679.6	76.2	82.6	152.4	10.2	31.8	1/2-20 UNF	7.9
45,359.2	101.6	127.0	152.4	13.0	58.7	3/4-16 UNF	14.2
90,718.5	152.4	184.2	431.8	26.4	79.5	3/4-16 UNF	19.1

## Order Information

Load Rating		Part#	Est. Weight	Price
25,000 lb	11,339.8 kg	<b>32702</b>	7 lb	\$1,795.00
50,000 lb	22,679.6 kg	<b>32701</b>	7 lb	\$1,795.00
100,000 lb	45,359.2 kg	<b>32700</b>	15 lb	\$2,100.00
200,000 lb	90,718.5 kg	<b>32699</b>	28 lb	\$2,995.00



## Interchangeable Products

VPG REVERE®

**CSP**

VPG SENSORTRONICS®

**65088-1000**

VPG REVERE®

**692B**

HOWE RICHARDSON®

**244699-000X**

STREETER AMET®

**3760XXX**

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**MagnaMount**

## Specifications

### Full Scale Output:

2.0 mV/V

### Output Resistance:

475.2-484.8 ohm

### Input Resistance:

445.5-454.5 ohm

### Material/Finish:

Stainless steel

### Temperature:

Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C

### Safe Overload:

150% full scale

### Rated Excitation:

5-10 VDC (15 V maximum)

### Combined Error:

0.03% full scale

### Non-repeatability:

0.01% full scale

### Insulation Resistance:

1,000 megohms

### Deflection at Capacity:

25,000 lb-50,000 lb=0.003 in (0.076 mm)  
100,000 lb-200,000 lb=(0.006 in (0.152 mm)

### Seal Type:

Welded seal, IP67

### Cable Length:

35 ft (10.7 m)

### Cable Diameter:

0.305 polyurethane jacket

### Cable Color Code:

Green ..... + Excitation  
Black ..... - Excitation  
White ..... + Signal  
Red ..... - Signal  
Orange ..... Shield

### Warranty:

Two-year limited warranty

### Approvals:



**Interchangeable Products**

VPG REVERE®  
**792**

**Specifications**

**Full Scale Output:**  
2.0 mV/V

**Output Resistance:**  
350 (± 3.5) ohm

**Input Resistance:**  
350 (± 3.5) ohm

**Material/Finish:**  
Stainless steel

**Temperature:**  
Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C

**Safe Overload:**  
150% full scale

**Rated Excitation:**  
5-10 VDC (15 V maximum)

**Non-repeatability:**  
0.01% full scale

**Combined Error:**  
0.03% full scale

**Insulation Resistance:**  
1,000 megohms

**Deflection at Capacity:**  
50,000 lb=0.004 in (0.102 mm)  
100,000 lb=0.006 in (0.152 mm)  
200,000 lb=0.009 in (0.228 mm)

**Seal Type:**  
Hermetically sealed, IP68

**Cable Length:**  
35 ft (10.7 m)

**Cable Color Code:**  
Green .....+ Excitation  
Black.....- Excitation  
White .....+ Signal  
Red .....- Signal  
Orange ..... Shield

**Warranty:**  
Two-year limited warranty

**Approvals:**



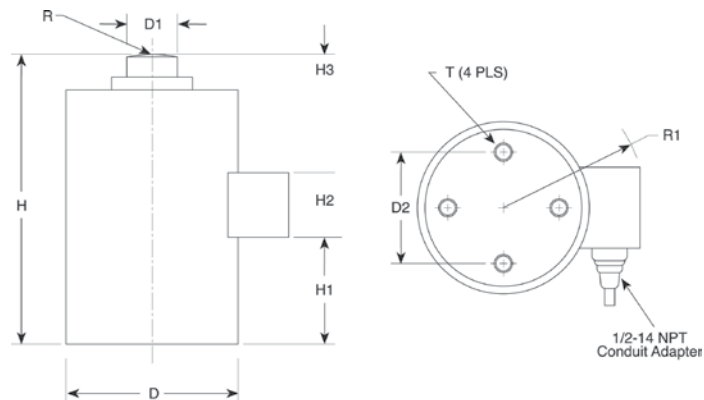
**Dimensions**

*Picture is a representation of actual product*

Rated Capacity	D	D1	D2	H	H1	H2	H3	R	R1	T
<b>lb/in</b>										
50,000	4.50	1.25	2.38	7.50	1.17	0.75	0.75	8.00	3.75	3/8-24 UNF x .63 DP
100,000	5.75	1.75	4.00	9.13	2.00	0.87	1.05	12.00	4.05	1/2-20 UNF x .75 DP
200,000	7.50	2.50	5.50	11.63	2.93	0.97	0.97	12.00	5.11	5/8-18 UNF x 25.4 DP
<b>kg/mm</b>										
22,679.6	114.3	31.8	53.4	190.5	77.7	19.1	19.1	203.2	95.3	3/8-24 UNF x .63 DP
45,359.2	146.1	44.5	101.6	231.9	66.0	22.1	26.6	304.8	102.9	1/2-20 UNF x .75 DP
90,718.5	190.5	63.5	139.7	295.4	100.0	24.6	24.6	304.8	129.8	5/8-18 UNF x 25.4 DP

**Order Information**

Load Rating	Part#	Est. Weight	Price
50,000 lb	<b>34855</b>	20 lb	\$2,195.00
100,000 lb	<b>34856</b>	36 lb	\$2,195.00
200,000 lb	<b>34857</b>	75 lb	\$3,395.00



# RLSCA-50K


Stainless Steel, Welded Seal, NTEP Certified 1:10,000 Class IIIIL Multiple Cell, IP67



## Interchangeable Products

CARDINAL®  
SCA-50K

## Specifications

- Full Scale Output:**  
2 mv/V nominal
- Output Resistance:**  
1,050 (± 10) ohm
- Input Resistance:**  
1,100-1,500 ohm
- Material/Finish:**  
Stainless steel
- Temperature:**  
Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5-10 VDC (15 V maximum)
- Combined Error:**  
0.025% full scale
- Non-repeatability:**  
0.01% full scale
- Insulation Resistance:**  
1,000 megohms
- Seal Type:**  
Welded seal, IP67
- Cable Length:**  
30 ft (9 m)
- Cable Diameter:**  
0.200 polyurethane jacket
- Cable Color Code:**  
Green .....+ Excitation  
Black.....- Excitation  
Red .....+ Signal  
White .....- Signal
- Warranty:**  
Two-year limited warranty
- Approvals:**  


## Dimensions

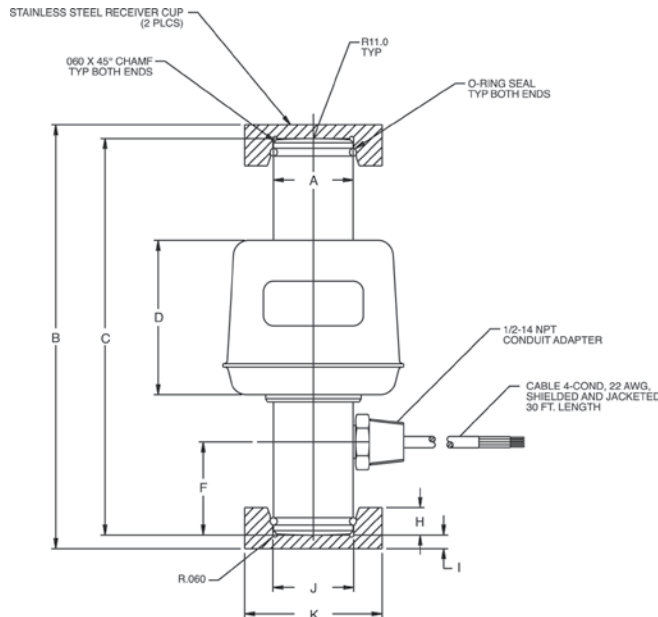
Picture is a representation of actual product

Rated Capacity	A	B	C	D	F	H	I	J	K
lb/in									
50,000	1.46	7.75	7.25	2.82	1.70	0.50	0.25	1.48	2.50
kg/mm									
22,679.6	37.0	196.8	184.1	71.6	43.1	12.7	6.35	37.5	63.5

## Order Information

Load Rating	Part#	Est. Weight	Price
50,000 lb*	68918	7 lb	\$995.00
<b>Replacement Parts</b>			
Replacement load cup set upper and lower included	85433	1 lb	\$95.00
Replacement O-ring	92988	1 lb	\$1.00/each

\*Load cell supplied with load cups



# RL70510-30t/RL80453-100,000 lb

Stainless Steel, Hermetically Sealed, NTEP Certified 1:10,000 Class III L, IP69K

## Interchangeable Products

FAIRBANKS®  
**70510**  
 FAIRBANKS  
**80453**

## Specifications

- Full Scale Output:**  
2.0mV/v
- Output Resistance:**  
1,000 (± 2) ohm
- Input Resistance:**  
1,150 (± 50) ohm
- Material/Finish:**  
Stainless steel
- Temperature:**  
Compensated Range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40° F to 150° F/-40° C to 65° C
- Safe Overload:**  
200% full scale
- Rated Excitation:**  
5-10VDC (15V max)
- Combined Error:**  
0.02% full scale
- Insulation Resistance:**  
5,000 megohms
- Seal Type:**  
Hermetically sealed, IP69K
- Cable Length:**  
15 ft (4.5 m) stainless overbraid
- Cable Diameter:**  
0.200 overbraid cable
- Cable Color Code:**  
 Green .....+ Excitation  
 Black.....- Excitation  
 White .....+ Signal  
 Red .....- Signal  
 Yellow ..... Shield

- Warranty:**  
Two-year limited warranty
- Approvals:**



## Dimensions

Picture is a representation of actual product

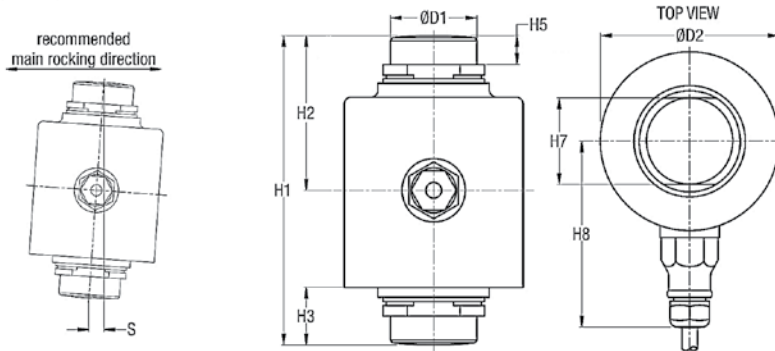
Rated Capacity	H1	H2	H3	H5	H7	H8	D1	D2
t/mm								
30	5.51	2.76	1.02	0.51	1.54	3.32	1.54	3.18
lb/in								
100,000	5.91	2.95	1.30	0.51	1.54	3.32	1.54	3.18

## Order Information: RL70510

Load Rating	Part#	Est. Weight	Price
30t	<b>169363</b>	6 lb	\$965.00
Upper load cup	<b>109332</b>	4 lb	\$135.00
Lower load cup	<b>109331</b>	4 lb	\$110.00

## Order Information: RL80453

Load Rating	Part#	Est. Weight	Price
100,000 lb	<b>169365</b>	6 lb	\$995.00
Upper load cup	<b>109332</b>	4 lb	\$135.00
Lower load cup	<b>109331</b>	4 lb	\$110.00



# RL75114-50K

Stainless Steel, Welded Seal, NTEP Certified 1:10,000 Class III L, IP67



## Dimensions

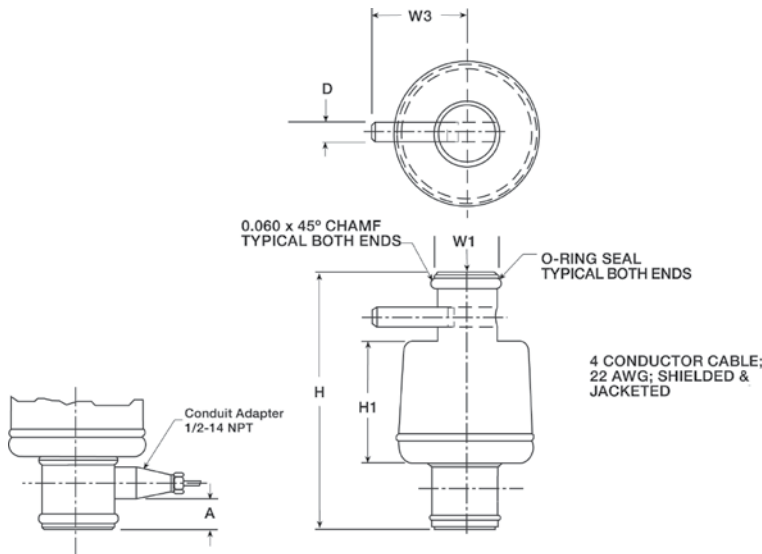
Picture is a representation of actual product

Rated Capacity	A	D	H	H1	W1	W3
lb/in						
50,000 LE*	0.87	0.38	7.56	2.82	1.46	2.18
kg/mm						
22,680.0	15.6	9.7	192.0	71.6	37.08	63.5

## Order Information

Load Rating	Part#	Est. Weight	Price
50,000 lb	88074	6 lb	\$1,195.00
<b>Replacement Parts</b>			
Replacement O-ring	92988	1lb	\$1.00
Spring pin	116181	1 lb	\$5.00

\* LE refers to large envelope  
Not interchangeable with Sensortronics 65114 - different mV/v



## Interchangeable Products

FAIRBANKS®  
**64166**

## Specifications

- Full Scale Output:**  
1.8 mV/v nominal
- Output Resistance:**  
1,000 (± 10) ohm
- Input Resistance:**  
1,000 ohm
- Material/Finish:**  
Stainless steel
- Temperature:**  
Compensated Range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5-10 VDC
- Combined Error:**  
0.025% full scale
- Non-repeatability:**  
0.01% full scale
- Insulation Resistance:**  
1,000 megohms
- Seal Type:**  
Welded seal, IP67
- Cable Length:**  
30 ft (9 m)
- Cable Diameter:**  
0.200 overbraid cable
- Cable Color Code:**  
Green .....+ Excitation  
Black.....- Excitation  
White .....+ Signal  
Red .....- Signal
- Warranty:**  
Two-year limited warranty

## Approvals:



**Interchangeable Products**

VPG CELTRON®  
**LCD**

**Specifications**

**Full Scale Output:**  
4.0 mV/V

**Output Resistance:**  
350 (± 3) ohm (5,000 lb-50,000 lb)  
700 (± 5) ohm (100,000 lb)

**Input Resistance:**  
385 (± 5) ohm (5,000 lb-50,000 lb)  
770 (± 70) ohm (100,000 lb)

**Material/Finish:**  
High-alloy steel, nickel plated

**Temperature:**  
Operating range  
-40° F to 150° F / -40° C to 65° C

**Safe Overload:**  
150% full scale

**Safe Sideload:**  
100% full scale

**Rated Excitation:**  
15 VDC (15 V maximum)

**Nonlinearity:**  
0.05% full scale

**Hysteresis:**  
0.02% full scale

**Insulation Resistance:**  
2,000 megohms

**Seal Type:**  
Environmentally sealed, IP67

**Cable Length:**  
50 ft (15.2 m)

**Cable Diameter:**  
0.200 polyurethane jacket (5,000 lb-25,000 lb)  
0.305 polyurethane jacket (50,000 lb-100,000 lb)

**Cable Color Code:**  
Red .....+ Excitation  
Black .....- Excitation  
Green .....+ Signal  
White .....- Signal

**Warranty:**  
Two-year limited warranty

**Approvals:**



25K shown



5K shown

Load cup sold separately on 5,000 and 10,000 lb models.

**Dimensions**

Picture is a representation of actual product

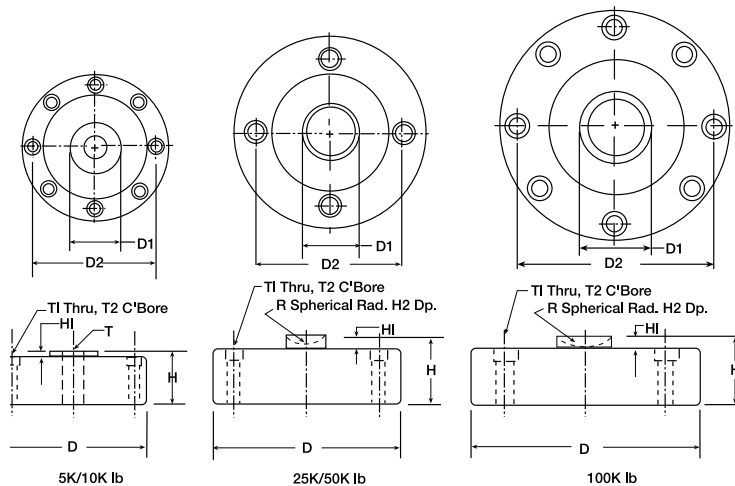
Rated Capacity	T	R	D	D1	D2	H	H1	H2	T1	T2
<b>lb/in</b>										
5,000*-10,000*	5/8-18 UNF-3B	—	4.12	1.26	3.50	1.37	0.12	—	0.28	0.406 x 0.283 DP
25,000-50,000	—	0.875	4.75	1.53	4.00	2.12	0.50	0.30	0.34	0.508 x 0.38 DP
100,000	—	0.875	5.50	1.98	4.60	2.25	0.25	0.30	0.41	0.626 x 0.4 DP
<b>kg/mm</b>										
2,268.0*-4,539.9*	5/8-18 UNF-3B	—	104.6	32.0	88.9	34.8	3.05	7.6	7.2	10.3 x 7.2 DP
11,339.8-22,679.7	—	22.2	120.7	38.9	101.6	53.8	12.7	7.6	8.7	12.9 x 9.7 DP
45,359.4	—	22.2	139.7	50.4	116.8	57.2	6.4	7.6	10.3	10.3 x 10.2 DP

**Order Information**

Load Rating	Part#	Est. Weight	Price
5,000 lb*	33061	6 lb	\$650.00
10,000 lb*	33062	6 lb	\$650.00
25,000 lb	33063	9 lb	\$795.00
50,000 lb	33064	9 lb	\$795.00
100,000 lb	33065	13 lb	\$935.00
Load Cup**	33616		\$35.00

\*5,000 lb and 10,000 lb models can be used in compression and tension load applications.

\*\*Load cup, PN 33616, is required for compression applications on 5,000 lb and 10,000 lb capacity load cells.



# RLPC6

Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP69K



## Interchangeable Products

FLINTEC®  
PC6

## Specifications

- Full Scale Output:**  
2.0 mv/v
- Output Resistance:**  
960 (± 50) ohm, nominal
- Input Resistance:**  
1,100 (± 50) ohm
- Material/Finish:**  
Stainless steel
- Temperature:**  
Compensated range  
14° F to 104° F / -10° C to 40° C  
Operating range  
-40° F to 150° F / -40° C to 65° C
- Safe Overload:**  
200% full scale
- Safe Sideload:**  
100% full scale
- Rated Excitation:**  
5-10 VDC
- Total Error:**  
0.02% full scale
- Insulation Resistance:**  
5,000 megohms
- Seal Type:**  
Hermetically sealed, IP69K
- Cable Length:**  
10 ft (3.1 m)
- Cable Diameter:**  
0.196 polyurethane jacket
- Cable Color Code:**  
Green .....+ Excitation  
Black.....- Excitation  
White .....+ Signal  
Red .....- Signal  
Yellow ..... Shield
- Max Deflection**  
0.006-0.010
- Max Platform Size:**  
24 in x 24 in
- Warranty:**  
Two-year limited warranty

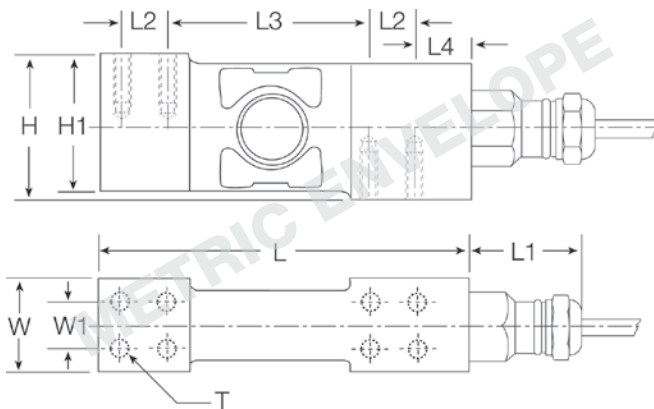
## Dimensions

Picture is a representation of actual product

Rated Capacity	H	H1	L	L1	L2	L3	L4	W	W1	T
kg/mm										
10-200	48.0	45.5	123.0	41.0	15.2	67.6	17.8	30.1	15.2	8 x M6/15 DP
lb/in										
22-441.0	1.89	1.80	4.84	1.61	0.60	2.66	0.70	1.18	0.60	8 x M6/15 DP

## Order Information

Load Rating	Part#	Est. Weight	Price
10 kg	87027	3 lb	\$595.00
20 kg	87028	3 lb	\$595.00
50 kg	87029	3 lb	\$595.00
100 kg	87030	3 lb	\$595.00
200 kg	87031	3 lb	\$595.00





**Interchangeable Products**

HBM®  
**PW15AH**

**Specifications**

**Full Scale Output:**

2.0mV/V

**Output Resistance:**

350 (± 10) ohm

**Input Resistance:**

380 (± 15) ohm

**Material/Finish:**

Stainless steel

**Temperature:**

Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C

**Safe Overload:**

150% full scale

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Total Error:**

0.02% full scale

**Insulation Resistance:**

1,000 megohms

**Seal Type:**

Hermetically sealed, IP69K

**Cable Length:**

3.1 m (10 ft)  
0.86 m (2.83 ft)

**Cable Diameter:**

0.212 PVC jacket

**Cable Color Code:**

Blue .....+ Excitation  
Black.....- Excitation  
Green.....+ Sense  
Grey.....- Sense  
White.....+ Signal  
Red.....- Signal

**Warranty:**

Two-year limited warranty

**Approvals:**



**Dimensions**

Picture is a representation of actual product

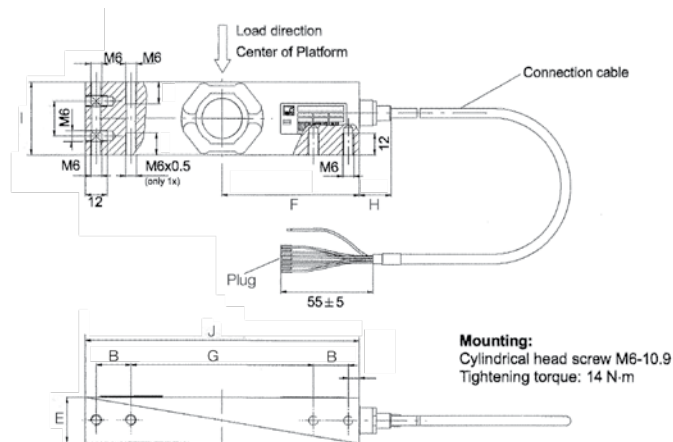
Rated Capacity	B	E	F	G	H	I	J
<b>kg/mm</b>							
10-100	19.00	25.00	75.00	100.00	17.5	40.00	150.00
<b>lb/in</b>							
22-220.5	0.75	0.98	2.95	3.94	0.69	1.57	5.91

**Order Information: 10 ft cables**

Load Rating		Part#	Est. Weight	Price
10 kg	22.0 lb	<b>108685</b>	3 lb	\$695.00
20 kg	44.1 lb	<b>108686</b>	3 lb	\$695.00
50 kg	110.2 lb	<b>108687</b>	3 lb	\$695.00
100 kg	220.5 lb	<b>108688</b>	3 lb	\$695.00

**Order Information: 2.83 ft cables**

Load Rating		Part#	Est. Weight	Price
10 kg	22.0 lb	<b>107174</b>	3 lb	\$695.00
20 kg	44.1 lb	<b>107175</b>	3 lb	\$695.00
50 kg	110.2 lb	<b>107176</b>	3 lb	\$695.00
100 kg	220.5 lb	<b>107177</b>	3 lb	\$695.00



SINGLE POINT

# RLPWM15

Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP67



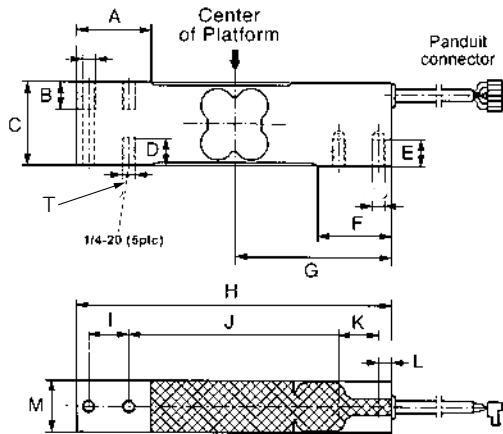
## Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	T
kg/mm														
10 - 150	35.00	13.00	40.00	13.00	13.00	35.00	75.00	150.00	19.00	100.00	19.00	6.2	25.00	1/4-20 UNC
lb/in														
22.1 - 330.7	1.37	0.51	1.57	0.51	0.51	1.37	2.95	5.90	0.74	3.93	0.74	0.24	0.98	1/4-20 UNC

## Order Information

Load Rating	Part #	Est. Weight	Price
10 kg	119904	1 lb	\$315.00
15 kg	119912	1 lb	\$315.00
20 kg	119905	1 lb	\$315.00
30 kg	119906	1 lb	\$315.00
50 kg	119908	1 lb	\$315.00
75 kg	119909	1 lb	\$315.00
100 kg	119910	1 lb	\$315.00
150 kg	119911	1 lb	\$315.00



## Interchangeable Products

HBM®  
**PW15**  
 VPG TEDEA-HUNTLEIGH®  
**1142**

## Specifications

- Full Scale Output:**  
2.0 mV/V
- Bridge Resistance:**  
350 ohm, nominal
- Material/Finish:**  
Stainless steel
- Temperature:**  
Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5-10 VDC (15 V maximum)
- Total Error:**  
0.02% full scale
- Insulation Resistance:**  
1,000 megohms
- Deflection:**  
0.2 mm (0.007 in)
- Seal Type:**  
Environmentally sealed, IP67
- Cable Length:**  
3.1 m (10 ft)
- Cable Diameter:**  
0.190 PVC jacket
- Max Platform Size:**  
15 in x 15 in
- Cable Color Code:**  
 Blue .....+ Excitation  
 Black.....- Excitation  
 Green .....+ Sense  
 Gray .....- Sense  
 White .....+ Signal  
 Red .....- Signal

**Warranty:**  
Two-year limited warranty

### Approvals:



Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP69K

## Specifications

- Full Scale Output:**  
2 mv/v
- Output Resistance:**  
960 (± 50) ohm
- Input Resistance:**  
1,100 (± 50) ohm
- Material/Finish:**  
Stainless steel
- Temperature:**  
Compensated range:  
14° F to 104° F / -10° C to 40° C  
Operating range  
-40° F to 150° F / -40° C to 65° C
- Safe Overload:**  
200% full scale
- Safe Sideload:**  
100% full scale
- Rated Excitation:**  
5-10 VDC
- Total Error:**  
0.020% full scale
- Insulation Resistance:**  
5,000 megohms
- Seal Type:**  
Hermetically sealed, IP69K
- Cable Length:**  
10 ft (3m)
- Cable Diameter:**  
0.196 polyurethane jacket
- Cable Color Code:**
- Green .....+ Excitation
  - Black .....- Excitation
  - White .....+ Signal
  - Red .....- Signal
  - Yellow ..... Shield
  - Blue .....+ Sense
  - Brown .....- Sense
- Max Platform Size:**  
24 in x 24 in
- Warranty:**  
Two-year limited warranty

**Approvals:**



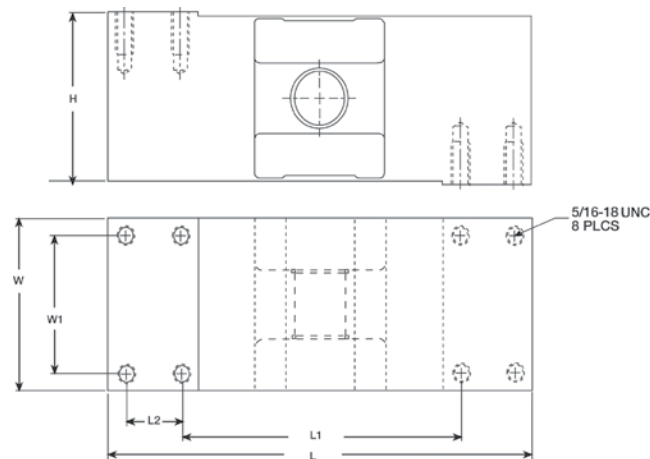
## Dimensions

Picture is a representation of actual product

Rated Capacity	L	L1	L2	W	W1	H
<b>kg/mm</b>						
50-1,000	190.5	107.00	35.00	73.7	50.00	73.7
<b>lb/in</b>						
110.3-2,205	7.50	4.21	1.38	2.90	1.97	2.90

## Order Information

Load Rating	Part#	Est. Weight	Price
50 kg	<b>87022</b>	12 lb	\$875.00
100 kg	<b>87023</b>	12 lb	\$875.00
250 kg	<b>87024</b>	13 lb	\$875.00
500 kg	<b>87025</b>	13 lb	\$875.00
1,000 kg	<b>87026</b>	15 lb	\$875.00



SINGLE POINT

# RL1521A

Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP66

LOAD CELLS / WEIGH MODULES



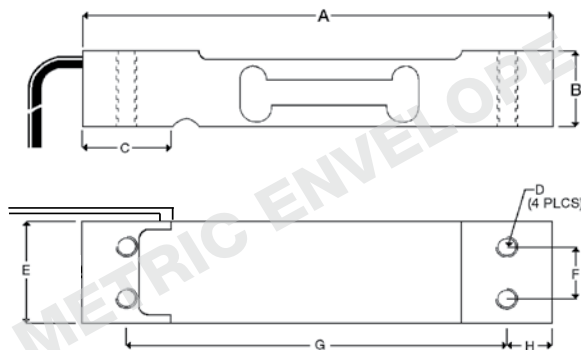
## Dimension

Picture is a representation of actual products

Rated Capacity	A	B	C	D	E	F	G	H
<b>kg/mm</b>								
3-7	130.0	22.0	25.0	M6 x 1.0	25.4	15.0	106.0	12.0
10-30	130.0	22.0	25.0	M6 x 1.0	30.0	15.0	106.0	12.0
35	130.0	22.0	25.0	M6 x 1.0	40.0	15.0	106.0	12.0
<b>lb/in</b>								
6.6-15.4	5.12	0.87	0.99	M6 x 1.0	1.00	0.59	4.17	0.47
22.0-66.2	5.12	0.87	0.99	M6 x 1.0	1.18	0.59	4.17	0.47
77.2	5.12	0.87	0.99	M6 x 1.0	1.57	0.59	4.17	0.47

## Order Information:

Load Rating	Part#	Est. Weight	Price
<b>1.50 ft Cables</b>			
3 kg	50620	1 lb	\$140.00
5 kg	50619	1 lb	\$140.00
7 kg	50621	1 lb	\$140.00
10 kg	50622	1 lb	\$140.00
15 kg	50623	1 lb	\$140.00
20 kg	50624	1 lb	\$140.00
30 kg	50625	1 lb	\$140.00
35 kg	50626	1 lb	\$140.00
<b>10 ft Cables</b>			
3 kg	132261	3 lb	\$140.00
5 kg	132262	3 lb	\$140.00
7 kg	132263	3 lb	\$140.00
10 kg	132264	3 lb	\$140.00
15 kg	132265	3 lb	\$140.00
20 kg	132266	3 lb	\$140.00
30 kg	132267	3 lb	\$140.00
35 kg	132268	3 lb	\$140.00



## Interchangeable Products

- VPG CELTRON®
- LPS except 3 kg**
- VPG TEDEA-HUNTLEIGH®
- 1022**
- VPG BLH®
- C2G1**
- FAIRBANKS®
- 4900 Series**
- Checkweighers**
- NMB®
- C2G1**
- ARTECH®
- 61022**

## Specifications

- Full Scale Output:**  
2.0 mV/V
- Output Resistance:**  
350 (± 3) ohm
- Input Resistance:**  
410 (± 15) ohm
- Material/Finish:**  
Aluminum
- Temperature:**  
Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5-10 VDC (15 V maximum)
- Total Error:**  
0.03% full scale
- Insulation Resistance:**  
2,000 megohms
- Seal Type:**  
Environmentally sealed, IP66
- Cable Length:**  
1.50 ft (0.5 m)  
10 ft (3.1 m)
- Cable Diameter:**  
0.14 PVC jacket
- Cable Color Code:**  
Green ..... + Excitation  
Black ..... - Excitation  
Red ..... + Signal  
White ..... - Signal

**Max Platform Size:**  
13.75 in x 13.75 in

**Warranty:**  
Two-year limited warranty

**Approvals:**



www.ricelake.com | Phone: 800-472-6703

**RICE LAKE**

**Interchangeable Products**

VPG TEDEA-HUNTLEIGH®  
**1010**

**Specifications**

- Full Scale Output:**  
2.0 mV/V
- Output Resistance:**  
350 (± 3) ohm, nominal
- Input Resistance:**  
415 (± 15) ohm
- Material/Finish:**  
Anodized aluminum
- Temperature:**  
Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40° F to 150° F/-40° C to 65° C
- Safe Overload:**  
150% at center of loading point, full scale
- Rated Excitation:**  
5-10 VDC (15 V maximum)
- Total Error:**  
0.02% full scale
- Insulation Resistance:**  
5,000 megohms
- Deflection at Capacity:**  
3 kg-90 kg=0.015 in (0.4 mm)
- Seal Type:**  
Potted, IP67  
Unpotted, IP65
- Cable Length:**  
Potted 3.1 m (10 ft)  
Unpotted 0.9 m (3 ft)
- Cable Diameter:**  
0.200/PVC jacket
- Cable Color Code:**  
Green .....+ Excitation  
Black.....- Excitation  
Blue .....+ Sense  
Brown .....- Sense  
Red .....+ Signal  
White .....- Signal
- Max Platform Size:**  
15.75 in x 15.75 in

**Warranty:**  
Two-year limited warranty

**Approvals:**



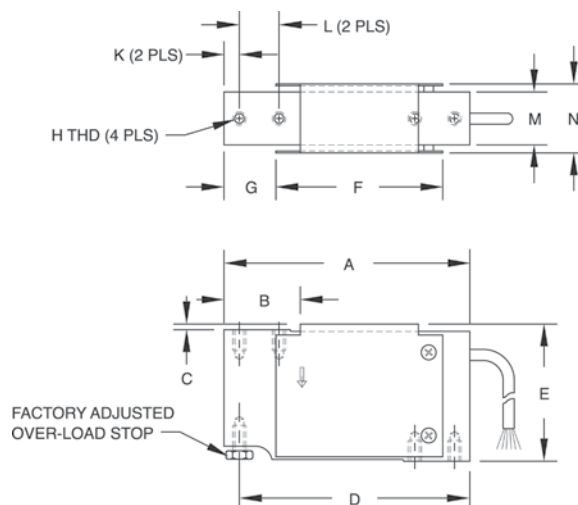
**Dimensions**

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	K	L	M	N
kg/mm												
3-90	118.1	34.00	3.00	110.5	66.00	80.00	25.00	1/4-20 UNC x 13 DP	7.5	19.1	25.4	33.5
lb/in												
6.6-198.4	4.65	1.34	0.12	4.35	2.60	3.15	0.98	1/4-20 UNC x 0.50 DP	0.30	0.75	1.00	1.32

**Order Information**

Load Rating	Part#	Est. Weight	Price
<b>NTEP Certified, Potted</b>			
10 kg	50819	2 lb	\$195.00
15 kg	50820	2 lb	\$195.00
20 kg	50821	2 lb	\$195.00
30 kg	50822	2 lb	\$195.00
50 kg	50823	2 lb	\$195.00
<b>Non-NTEP Certified, Potted</b>			
7 kg	17529	2 lb	\$195.00
10 kg	17530	2 lb	\$195.00
15 kg	17531	2 lb	\$195.00
20 kg	17532	2 lb	\$195.00
30 kg	17533	2 lb	\$195.00
50 kg	17534	2 lb	\$195.00
90 kg	17535	2 lb	\$195.00
<b>Non-NTEP Certified, Unpotted</b>			
3 kg	17527	1 lb	\$180.00
5 kg	17528	1 lb	\$180.00



# RLSP4

Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP66



## Interchangeable Products

HBM®  
**SP4M**

## Specifications

**Full Scale Output:**  
2.0 mV/V

**Output Resistance:**  
350 (± 3) ohm

**Input Resistance:**  
350 ohm

**Material/Finish:**  
Anodized aluminum

**Temperature:**  
Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C

**Safe Overload:**  
150% full scale

**Rated Excitation:**  
5-10 VDC (15 V maximum)

**Combined Error:**  
0.02% full scale

**Insulation Resistance:**  
5,000 megohms

**Deflection at Capacity:**  
5 kg-100 kg=0.4 mm (0.015 in)

**Seal Type:**  
Environmentally sealed, IP66

**Cable Length:**  
3.1 m (10 ft)

**Cable Diameter:**  
0.19/PVC jacket

**Cable Color Code:**

Green	.....	+ Excitation
Black	.....	- Excitation
Blue	.....	+ Sense
Brown	.....	- Sense
Red	.....	+ Signal
White	.....	- Signal
Yellow	.....	Shield

**Max Platform Size:**  
3 kg-10 kg (12 in x 12 in)  
15 kg-30 kg (18 in x 18 in)  
50 kg-100 kg (24 in x 24 in)

**Warranty:**  
Two-year limited warranty

**Approvals:**



## Dimensions

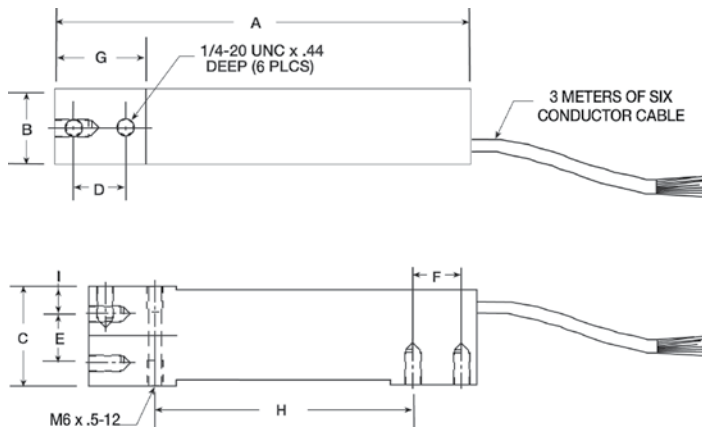
Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I
kg/mm									
5-100	150.3	25.4	39.9	19.1	19.1	19.1	33.8	99.6	11.4
lb/in									
11.0-220.5	5.92	1.00	1.57	0.75	0.75	0.75	1.33	3.92	0.45

## Order Information

Load Rating	Part#	Est. Weight	Price
5 kg*	91724	2 lb	\$195.00
7 kg	91725	2 lb	\$195.00
10 kg	91726	2 lb	\$195.00
15 kg	91727	2 lb	\$195.00
20 kg	91728	2 lb	\$195.00
30 kg	91729	2 lb	\$195.00
50 kg	91730	2 lb	\$195.00
75 kg	91731	2 lb	\$195.00
100 kg	91732	2 lb	\$195.00

\*Non-NTEP Certified



Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP67

**Interchangeable Products**

RICE LAKE WEIGHING SYSTEMS

**RL1250**

HBM®

**PW12\***

VPG TEDEA-HUNTLEIGH®

**1250**

\*Color code is different



**Specifications**

**Full Scale Output:**

2.0mV/V

**Output Resistance:**

330-450 ohm, nominal

**Input Resistance:**

300-500 ohm

**Material/Finish:**

Aluminum

**Temperature:**

Compensated temperature range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40° F to 150° F/-40° C to 65° C

**Safe Overload:**

150% full scale

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Total Error:**

0.02% full scale

**Insulation Resistance:**

1,000 megohms

**Seal Type:**

Environmentally sealed, IP67

**Cable Length:**

3.1 m (10 ft)

**Cable Diameter:**

0.190/PVC jacket

**Cable Color Code:**

Green .....+ Excitation  
Black.....- Excitation  
Blue .....+ Sense  
Brown.....- Sense  
Red.....+ Signal  
White.....- Signal

**Warranty:**

Two-year limited warranty

**Max Platform Size:**

30 in x 30 in

**Approvals:**



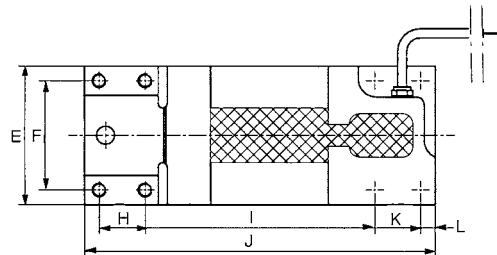
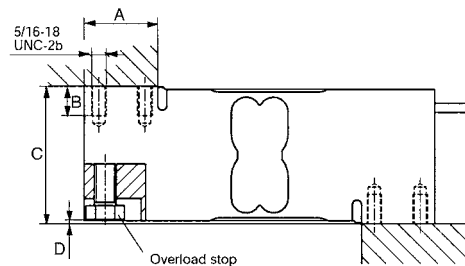
**Dimensions**

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	H	I	J	K	L
<b>kg/mm</b>											
50-1,000	40.00	16.00	75.00	1.5	76.00	60.00	25.00	125.00	191.00	25.00	8.00
<b>lb/in</b>											
110.2-2,205.0	1.57	0.62	2.95	0.05	2.99	2.36	0.98	4.92	7.51	0.98	0.31

**Order Information**

Load Rating	Part#	Est. Weight	Price
50 kg	<b>91674</b>	6 lb	\$315.00
75 kg	<b>91675</b>	6 lb	\$315.00
100 kg	<b>91676</b>	6 lb	\$315.00
150 kg	<b>91677</b>	6 lb	\$315.00
200 kg	<b>91678</b>	6 lb	\$315.00
250 kg	<b>91679</b>	6 lb	\$315.00
300 kg	<b>91680</b>	6 lb	\$315.00
500 kg	<b>91681</b>	6 lb	\$315.00
635 kg	<b>91682</b>	6 lb	\$315.00
1,000 kg	<b>91683</b>	6 lb	\$315.00



# RLPWM16

Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP67



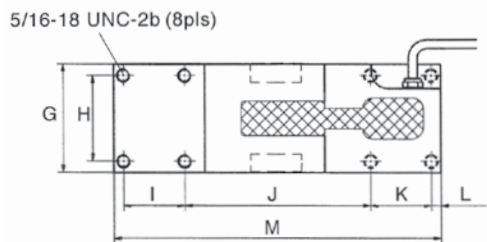
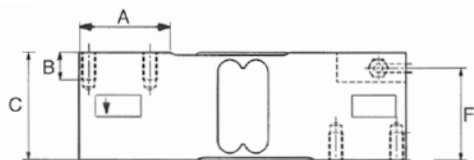
## Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	F	G	H	I	J	K	L	M
kg/mm											
50-635	52.00	16.00	62.3	52.3	63.00	50.00	35.00	107.00	35.00	5.5	188.00
lb/in											
110.2-1,455.5	2.04	0.62	2.45	2.05	2.48	1.96	1.37	4.21	1.37	0.21	7.40

## Order Information

Load Rating	Part#	Est. Weight	Price
50 kg	110.2 lb	<b>91684</b>	5 lb \$295.00
75 kg	165.4 lb	<b>91686</b>	5 lb \$295.00
100 kg	220.5 lb	<b>91687</b>	5 lb \$295.00
150 kg	330.7 lb	<b>91688</b>	5 lb \$295.00
200 kg	440.9 lb	<b>91689</b>	5 lb \$295.00
250 kg	551.2 lb	<b>91690</b>	5 lb \$295.00
300 kg	661.4 lb	<b>91691</b>	5 lb \$295.00
500 kg	1,102.3 lb	<b>91692</b>	5 lb \$295.00
635 kg	1,455.5 lb	<b>91693</b>	5 lb \$295.00



## Interchangeable Products

HBM®  
**PW16\***  
 VPG TEDEA-HUNTLEIGH®  
**1260**  
 RICE LAKE WEIGHING SYSTEMS  
**RL1260**  
 \*Color code is different

## Specifications

- Full Scale Output:**  
2.0 mV/V
- Output Resistance:**  
300-500 ohm
- Input Resistance:**  
300-500 ohm
- Material/Finish:**  
Aluminum
- Temperature:**  
Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5-10 VDC (15 V maximum)
- Total Error:**  
0.02% full scale
- Insulation Resistance:**  
1,000 megohms
- Seal Type:**  
Environmentally sealed, IP67
- Cable Length:**  
3.1 m (10 ft)
- Cable Diameter:**  
0.190/PVC jacket
- Max Platform Size:**  
24 in x 24 in
- Deflection at Capacity**  
50 kg to 635 kg < 0.6 mm
- Cable Color Code:**  
 Green .....+ Excitation  
 Black.....- Excitation  
 Blue .....+ Sense  
 Brown .....- Sense  
 Red .....+ Signal  
 White .....- Signal
- Warranty:**  
Two-year limited warranty

### Approvals:





**Interchangeable Products**

RICE LAKE WEIGHING SYSTEMS

**RLSP4**

VPG TEDEA-HUNTLEIGH®

**1042**

HBM®

**SP4M**

FLINTEC®

**PC 42**



**Specifications**

**Full Scale Output:**

2.0mV/V

**Output Resistance:**

350 (± 3) ohm

**Input Resistance:**

415 (± 15) ohm

**Material/Finish:**

Aluminum

**Temperature:**

Compensated range

14°F to 104°F/-10°C to 40°C

Operating range

-40°F to 150°F/-40°C to 65°C

**Safe Overload:**

150% full scale

Over-center loading point

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Total Error:**

0.02% full scale

**Deflection at Capacity:**

1 kg-100 kg=0.4 mm (0.015 in)

**Insulation Resistance:**

2,000 megohms

**Seal Type:**

Environmentally sealed, IP66

**Cable Length:**

3.1 m (10 ft)

**Cable Diameter:**

0.20/PVC jacket

**Cable Color Code:**

Green .....+ Excitation

Black .....- Excitation

Blue .....+ Sense

Brown .....- Sense

Red .....+ Signal

White .....- Signal

**Max Platform Size:**

15.75 in x 15.75 in

**Warranty:**

Two-year limited warranty

**Approvals:**



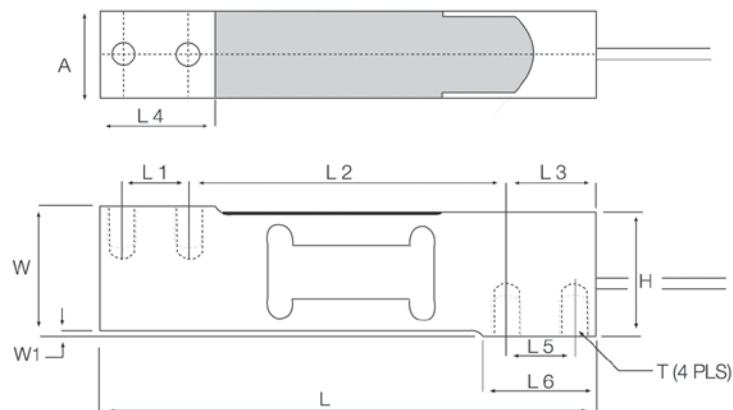
**Dimensions**

Picture is a representation of actual product

Rated Capacity	A	H	L	L1	L2	L3	L4	L5	L6	W	W1	T
<b>kg/mm</b>												
1-30	20.00	39.00	150.00	19.00	100.00	25.00	34.00	19.00	34.00	40.00	1.00	1/4-20 UNC
50-100	25.2	39.00	150.00	19.00	100.00	25.00	34.00	19.00	34.00	40.00	1.00	1/4-20 UNC
<b>lb/in</b>												
2.2-66.1	0.787	1.54	5.91	0.75	3.937	0.984	1.339	0.75	1.339	1.575	0.040	1/4-20 UNC
110.2-220.5	0.992	1.54	5.91	0.75	3.937	0.984	1.339	0.75	1.339	1.575	0.040	1/4-20 UNC

**Order Information**

Load Rating	Part#	Est. Weight	Price
1 kg	<b>40955</b>	1 lb	\$180.00
3 kg	<b>40956</b>	1 lb	\$180.00
5 kg	<b>40957</b>	1 lb	\$180.00
10 kg	<b>40958</b>	1 lb	\$180.00
15 kg	<b>40959</b>	1 lb	\$180.00
20 kg	<b>40960</b>	1 lb	\$180.00
30 kg	<b>40961</b>	1 lb	\$180.00
50 kg	<b>40962</b>	2 lb	\$180.00
75 kg	<b>40963</b>	2 lb	\$180.00
100 kg	<b>40964</b>	2 lb	\$180.00



# RL1040

Aluminum, NTEP Certified 1:5,000 Class III Single Cell, Potted and Unpotted, IP65/IP67



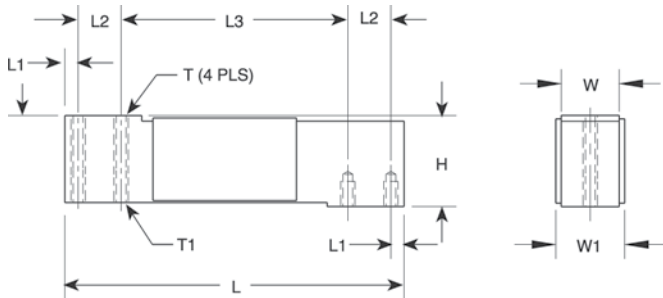
## Dimensions

Picture is a representation of actual product

Rated Capacity	H	L	L1	L2	L3	T	T1	W	W1
kg/mm									
5-100	40.0	150.0	5.95	19.05	100.0	1/4-20 UNC x 10 DP	1/4-28 UNF x 10 DP	25.4	29.4
lb/in									
11-220.5	1.57	5.91	0.23	0.75	3.94	1/4-20 UNC x 0.39 DP	1/4-28 UNF x 0.39 DP	1.00	1.16

## Order Information

Load Rating	Part#	Est. Weight	Price
<b>NTEP Certified, Potted IP67</b>			
7 kg		2 lb	\$195.00
10 kg	32860	2 lb	\$195.00
15 kg	32861	2 lb	\$195.00
20 kg	32862	2 lb	\$195.00
30 kg	32863	2 lb	\$195.00
50 kg	32864	2 lb	\$195.00
100 kg	32865	2 lb	\$195.00
100 kg	32866	2 lb	\$195.00
<b>NTEP Certified, Unpotted IP65</b>			
5 kg	32859	2 lb	\$190.00



## Interchangeable Products

- VPG CELTRON®
- LOC**
- VPG TEDEA-HUNTLEIGH®
- 1040**
- CARDINAL
- TSP**

## Specifications

- Full Scale Output:**  
2.0 mV/V
- Output Resistance:**  
350 (± 3) ohm
- Input Resistance:**  
415 (± 5) ohm
- Material/Finish:**  
Anodized aluminum
- Temperature:**  
Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C
- Safe Overload:**  
200% at center loading point, full scale
- Rated Excitation:**  
5-10 VDC (15 V maximum)
- Total Error:**  
0.02% full scale
- Insulation Resistance:**  
2,000 megohms
- Deflection at Capacity:**  
3 kg-100 kg=0.4 mm (0.015 in)
- Seal Type:**  
Potted, IP67  
Unpotted, IP65
- Cable Length:**  
3.1 m (10 ft)
- Cable Diameter:**  
0.20/PVC jacket
- Cable Color Code:**  
Green .....+ Excitation  
Black .....- Excitation  
Blue .....+ Sense  
Brown .....- Sense  
Red .....+ Signal  
White .....- Signal
- Max Platform Size:**  
15.75 in x 15.75 in
- Warranty:**  
Two-year limited warranty



**Interchangeable Products**

VPG TEDEA-HUNTLEIGH®  
**1140**

**Specifications**

- Full Scale Output:**  
2.0 mV/V
- Output Resistance:**  
350 (± 3) ohm, nominal
- Input Resistance:**  
415 (± 15) ohm
- Material/Finish:**  
Stainless steel
- Temperature:**  
Operating range  
-40° F to 150° F / -40° C to 65° C
- Safe Overload:**  
200% at center loading point, full scale
- Rated Excitation:**  
5-10 VDC (15 V maximum)
- Total Error:**  
0.02% full scale
- Insulation Resistance:**  
2,000 megohms
- Deflection at Capacity:**  
15 kg-150 kg=0.4 mm (0.015 in)
- Seal Type:**  
Environmentally sealed, IP67
- Cable Length:**  
3.1 m (10 ft)
- Cable Diameter:**  
0.20/PVC jacket
- Cable Color Code:**  
Green .....+ Excitation  
Black.....- Excitation  
Blue .....+ Sense  
Brown .....- Sense  
Red .....+ Signal  
White .....- Signal

- Max Platform Size:**  
15.75 in x 15.75 in
- Warranty:**  
Two-year limited warranty
- Approvals:**



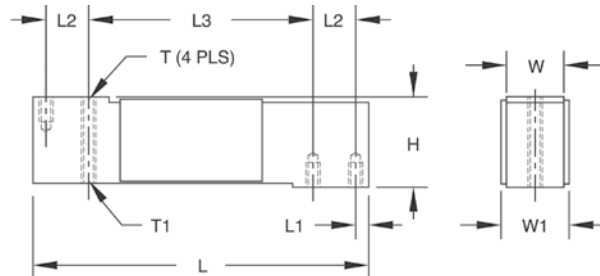
**Dimensions**

*Picture is a representation of actual product*

Rated Capacity	H	L	L1	L2	L3	T	T1	W	W1
kg/mm									
15-150	40.00	150.00	5.95	19.05	100.00	1/4-20 UNC x 10 DP	1/4-28 UNF x 10 DP	25.4	29.4
lb/in									
33.1-330.7	1.57	5.91	0.23	0.75	3.94	1/4-20 UNC x 0.39 DP	1/4-28 UNF x 0.39 DP	1.00	1.16

**Order Information**

Load Rating	Part#	Est. Weight	Price
15 kg	17544	3 lb	\$320.00
30 kg	17545	3 lb	\$320.00
50 kg	17546	3 lb	\$320.00
75 kg	17547	3 lb	\$320.00
100 kg	17548	3 lb	\$320.00
150 kg	36467	3 lb	\$320.00



SINGLE POINT

# RL1380

Stainless Steel, Environmentally Sealed, NTEP Certified 1:3,000 Class III Single Cell, IP67

LOAD CELLS / WEIGH MODULES



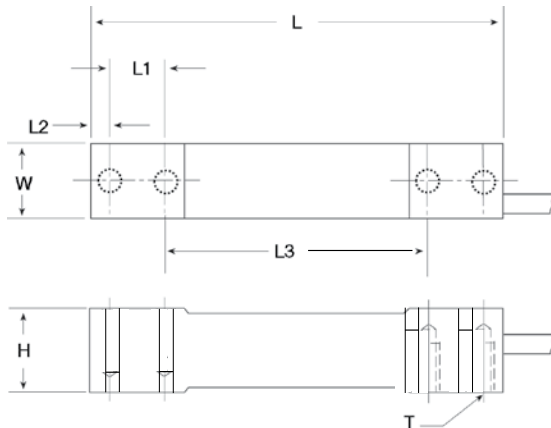
## Dimensions

Picture is a representation of actual product

Rated Capacity	W	L	L1	L2	L3	T	H
<b>kg/mm</b>							
7-15	19.1	139.7	19.1	6.4	88.9	1/4-20 UNC	30.2
30-60	23.9	139.7	19.1	6.4	88.9	1/4-20 UNC	30.2
<b>lb/in</b>							
15.4-33.1	0.75	5.50	0.75	0.25	3.50	1/4-20 UNC	1.19
66.1-132.3	0.94	5.50	0.75	0.25	3.50	1/4-20 UNC	1.19

## Order Information

Load Rating	Part #	Est. Weight	Price
7 kg	30783	2 lb	\$310.00
10 kg	30782	2 lb	\$310.00
15 kg	30781	2 lb	\$310.00
30 kg	30780	2 lb	\$310.00
60 kg	30779	2 lb	\$310.00



## Interchangeable Products

HBM®  
PWS

## Specifications

**Full Scale Output:**

2.0 mV/V

**Output Resistance:**

350 (± 3) ohm

**Input Resistance:**

350 ohm

**Material/Finish:**

Stainless steel

**Temperature:**

Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40° F to 150° F/-40° C to 65° C

**Safe Overload:**

150% full scale

**Rated Excitation:**

5-10VDC (15V maximum)

**Combined Error:**

0.03% full scale

**Insulation Resistance:**

1,000 megohms

**Seal Type:**

Environmentally sealed, IP67

**Cable Length:**

3.1 m (10ft)

**Cable Diameter:**

0.190 polyurethane jacket

**Cable Color Code:**

Green ..... + Excitation  
Black ..... - Excitation  
White ..... + Signal  
Red ..... - Signal  
Yellow ..... Shield

**Deflection:**

<0.4 mm Full scale

**Max Platform Size:**

15.75 in x 15.75 in

**Warranty:**

Two-year limited warranty

**Approvals:**



www.ricelake.com | Phone: 800-472-6703

RICELAKE

**Interchangeable Products**

FLINTEC®  
PC1

**Specifications**

- Full Scale Output:**  
2.0 mV/V
- Output Resistance:**  
330 ± 25 ohm
- Input Resistance:**  
390 ± 20 ohm
- Material/Finish:**  
Stainless steel
- Temperature:**  
Operating range  
-40° F to 150° F / -40° C to 65° C
- Safe Overload:**  
200% full scale
- Rated Excitation:**  
5 VDC (15 V maximum)
- Combined Error:**  
0.02% full scale
- Insulation Resistance:**  
5,000 megohms
- Seal Type:**  
Environmentally sealed, IP67
- Cable Length:**  
3.1 m (10 ft)
- Cable Diameter:**  
0.196 polyurethane jacket
- Cable Color Code:**  
Green .....+ Excitation  
Black.....- Excitation  
White .....+ Signal  
Red .....- Signal  
Yellow ..... Shield
- Max Platform Size:**  
18 in x 18 in
- Warranty:**  
Two-year limited warranty

**Approvals:**



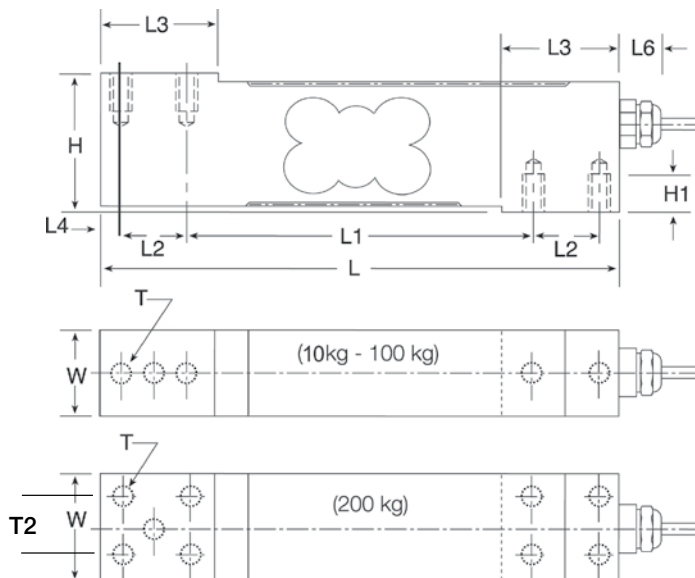
**Dimensions**

Picture is a representation of actual product

Rated Capacity	H	H1	L	L1	L2	L3	L4	L6	W	T	T2
<b>kg/mm</b>											
10-100	40.00	10.00	150.00	100.00	19.00	32.00	6.00	20.00	25.4	1/4-20 UNC x 19.1 DP	N/A
200	40.00	10.00	150.00	100.00	19.00	32.00	6.00	20.00	38.1	1/4-20 UNC x 19.1 DP	25.4
<b>lb/in</b>											
22.0-220.5	1.57	0.40	5.90	3.93	0.75	1.26	0.24	0.79	1.00	1/4-20 UNC x 0.75 DP	N/A
441.0	1.57	0.40	5.90	3.93	0.75	1.26	0.24	0.79	1.50	1/4-20 UNC x 0.75 DP	1.00

**Order Information**

Load Rating	Part#	Est. Weight	Price
10 kg	41405	3 lb	\$295.00
15 kg	41233	3 lb	\$295.00
30 kg	41234	3 lb	\$295.00
50 kg	41235	3 lb	\$295.00
75 kg	41236	3 lb	\$295.00
<b>Non-NTEP Certified</b>			
100 kg	41237	3 lb	\$295.00
200 kg	41406	4 lb	\$440.00



SINGLE POINT

# RL1260

Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP67

LOAD CELLS / WEIGH MODULES



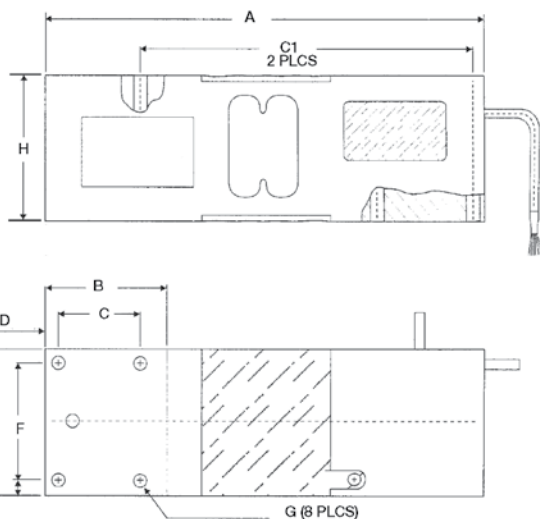
## Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	C1	D	E	F	G	H
kg/mm									
50-635	188.00	52.00	35.00	142.00	5.5	63.5	50.00	5/16-18UNC	62.3
lb/in									
110.2-1,400.2	7.40	2.05	1.38	5.59	0.22	2.49	1.97	5/16-18UNC	2.45

## Order Information

Load Rating	Part#	Est. Weight	Price
50 kg	41020	5 lb	\$310.00
75 kg	41021	5 lb	\$310.00
100 kg	41022	5 lb	\$310.00
150 kg	158469	5 lb	\$310.00
200 kg	41023	5 lb	\$310.00
250 kg	41024	5 lb	\$310.00
300 kg	41025	5 lb	\$310.00
500 kg	41026	5 lb	\$310.00
635 kg	41027	5 lb	\$310.00



## Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

**RLPWM16**

VPG TEDEA-HUNTLEIGH®

**1260**

HBM®

**PW16**

## Specifications

### Full Scale Output:

2.0 mV/V

### Output Resistance:

350 (± 3) ohm

### Input Resistance:

415 (± 15) ohm

### Material/Finish:

Anodized aluminum

### Temperature:

Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C

### Safe Overload:

150% of full scale at center loading point

### Rated Excitation:

5-10 VDC (15 V maximum)

### Total Error:

0.02% full scale

### Insulation Resistance:

5,000 megohms

### Seal Type:

Environmentally sealed, IP67

### Cable Length:

3.1 m (10 ft)

### Cable Diameter:

0.220 polyurethane jacket

### Cable Color Code:

Green .....+ Excitation  
Black .....- Excitation  
Blue .....+ Sense  
Brown .....- Sense  
Red .....+ Signal  
White .....- Signal

### Max Platform Size:

24 in x 24 in

### Warranty:

Two-year limited warranty

### Approvals:



www.ricelake.com | Phone: 800-472-6703

RICE LAKE

Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP67

### Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

**RL1260**

RICE LAKE WEIGHING SYSTEMS

**RLPWM16**

VPG TEDEA-HUNTLEIGH®

**1260**

HBM®

**PW16**



### Specifications

**Full Scale Output:**

2.0mV/V nominal

**Output Resistance:**

350 (± 3) ohm

**Input Resistance:**

415 (± 15) ohm

**Material/Finish:**

Anodized aluminum

**Temperature:**

Compensated range  
14°F to 104°F (-10°C to 40°C)  
Operating range  
-40°F to 150°F (-40°C to 65°C)

**Safe Overload:**

150% of full scale

**Rated Excitation:**

5-10VDC (15VDC Max)

**Insulation Resistance:**

>5,000 megohms

**Seal Type:**

Environmentally sealed, IP67

**Cable Length:**

3.1 m (10ft)

**Cable Color Code:**

Green .....+ Excitation  
Black.....- Excitation  
Red .....+ Signal  
White .....- Signal

**Warranty:**

Two-year limited warranty

**Approvals:**



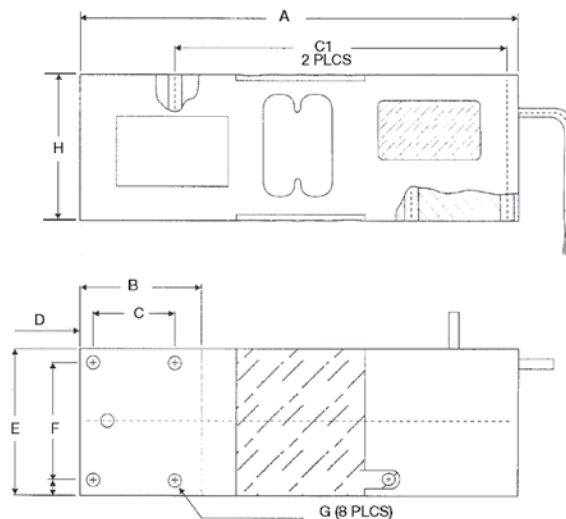
### Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	C1	D	E	F	G	H
kg/mm									
50-635	188.00	52.00	35.00	142.00	5.5	63.5	50.00	5/16-18 UNC	62.3
lb/in									
110.2-1,400.0	7.40	2.05	1.38	5.59	0.22	2.49	1.97	5/16-18 UNC	2.45

### Order Information

Load Rating	Part#	Est. Weight	Price
50 kg	188682	5 lb	\$275.00
75 kg	188683	5 lb	\$275.00
100 kg	188684	5 lb	\$275.00
150 kg	188685	5 lb	\$275.00
200 kg	188686	5 lb	\$275.00
250 kg	188687	5 lb	\$275.00
300 kg	188688	5 lb	\$275.00
500 kg	188689	5 lb	\$275.00
635 kg	188690	5 lb	\$275.00



SINGLE POINT

# RL1250

Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, Potted, IP67

LOAD CELLS / WEIGH MODULES



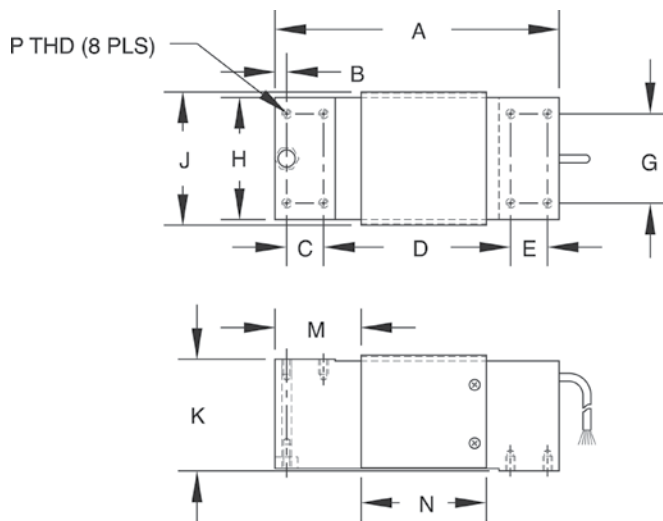
## Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	G	H	J	K	M	N	P
kg/mm												
50-1,000	191.00	8.0	25.00	125.00	25.00	60.00	75.00	82.00	75.00	57.5	85.00	5/16-18 UNC x 15 DP
lb/in												
110.2-2,204.6	7.52	0.31	0.98	4.92	0.98	2.36	2.95	3.23	2.95	2.26	3.35	5/16-18 UNC x 0.59 DP

## Order Information

Load Rating	Part #	Est. Weight	Price
50 kg	32849	7 lb	\$315.00
75 kg	32856	7 lb	\$315.00
100 kg	32855	7 lb	\$315.00
150 kg	32854	7 lb	\$315.00
200 kg	32853	7 lb	\$315.00
250 kg	32852	7 lb	\$315.00
300 kg	32851	7 lb	\$315.00
500 kg	32850	7 lb	\$315.00
635 kg	32857	7 lb	\$315.00
1,000 kg	32858	7 lb	\$315.00



## Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

**RLPWM12**

VPG TEDEA-HUNTLEIGH®

**1250**

FLINTEC®

**PCB\***

HBM®

**PW12**

\*Stainless steel, hermetically sealed

Shim plate PN 22264

## Specifications

### Full Scale Output:

2.0 mV/V

### Output Resistance:

350 (± 3) ohm

### Input Resistance:

415 (± 15) ohm

### Material/Finish:

Anodized aluminum

### Temperature:

Compensated range

14°F to 104°F/-10°C to 40°C

Operating range

-40°F to 150°F/-40°C to 65°C

### Safe Overload:

150% of full scale at center loading point

### Rated Excitation:

5-10 VAC/DC (15 V maximum)

### Total Error:

0.02% full scale

### Insulation Resistance:

5,000 megohms

### Deflection at Capacity:

50 kg-1,000 kg=0.4 mm (0.015 in)

### Seal Type:

Environmentally sealed, IP67

### Cable Length:

3.1 m (10 ft)

### Cable Diameter:

0.220 polyurethane jacket

### Cable Color Code:

Green ..... + Excitation

Black ..... - Excitation

Blue ..... + Sense

Brown ..... - Sense

Red ..... + Signal

White ..... - Signal

### Max Platform Size:

24 in x 24 in

### Warranty:

Two-year limited warranty

### Approvals:



www.ricelake.com | Phone: 800-472-6703

RICE LAKE



Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP67

### Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

**RL1250**

RICE LAKE WEIGHING SYSTEMS

**RLPWM12**

VPG TEDEA-HUNTLEIGH®

**1250**

HBM®

**PW12**



### Specifications

**Full Scale Output:**

2.0 mV/V nominal

**Output Resistance:**

350 (± 3) ohm

**Input Resistance:**

415 (± 15) ohm

**Material/Finish:**

Anodized aluminum

**Temperature:**

Compensated range  
14°F to 104°F/-10°C to 40°C  
Operating range  
-40°F to 150°F/-40°C to 65°C

**Safe Overload:**

150% full scale

**Rated Excitation:**

5-10VDC (15VDC Max)

**Seal Type:**

Environmentally sealed, IP67

**Insulation Resistance:**

>5,000 megohms

**Cable Length:**

10 ft (3.1 m)

**Cable Color Code:**

Green .....+ Excitation  
Black.....- Excitation  
Blue .....+ Sense  
Yellow .....- Sense  
Red .....+ Signal  
White .....- Signal

**Warranty:**

Two-year limited warranty

**Approvals:**



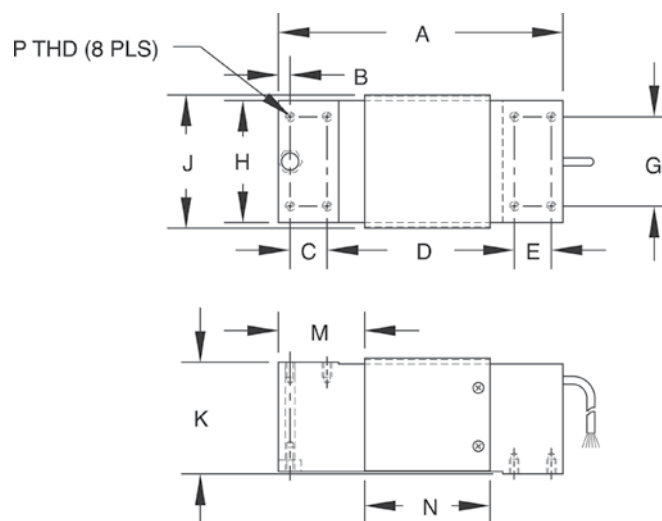
### Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	G	H	J	K	M	N	P
kg/mm												
50-1,000	191.00	8.0	25.00	125.00	25.00	60.00	75.00	82.00	75.00	57.5	85.00	5/16-18 UNC x 15 DP
lb/in												
110.2-2,205	7.52	0.31	0.98	4.92	0.98	2.36	2.95	3.23	2.95	2.26	3.35	5/16-18 UNC x 0.59 DP

### Order Information

Load Rating	Part#	Est. Weight	Price
50 kg	<b>191096</b>	5 lb	\$310.00
75 kg	<b>191097</b>	5 lb	\$310.00
100 kg	<b>191098</b>	5 lb	\$310.00
150 kg	<b>191099</b>	5 lb	\$310.00
200 kg	<b>191100</b>	5 lb	\$310.00
250 kg	<b>191101</b>	5 lb	\$310.00
300 kg	<b>191102</b>	5 lb	\$310.00
500 kg	<b>191103</b>	5 lb	\$310.00
635 kg	<b>191104</b>	5 lb	\$310.00
1,000 kg	<b>191105</b>	5 lb	\$310.00



# NEW

SINGLE POINT

## RL42018A

Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP66



### Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

**RL1042**

RICE LAKE WEIGHING SYSTEMS

**RLSP4**

VPG TEDEA-HUNTLEIGH®

**1042**

HBM®

**SP4M**

### Specifications

**Full Scale Output:**

2.0 mV/V ±10%

**Output Resistance:**

350 (± 3) ohm

**Input Resistance:**

400 (± 20) ohm

**Material/Finish:**

Aluminum

**Temperature:**

Compensated range  
14°F to 104°F/-10°C to 40°C

**Safe Overload:**

150% of full scale at center loading point

**Rated Excitation:**

10 VDC

**Insulation Resistance:**

>5,000 megohms

**Seal Type:**

Environmentally sealed, IP66

**Cable Length:**

3.1 m (10 ft)

**Cable Color Code:**

Green ..... + Excitation  
Black ..... - Excitation  
Red ..... + Signal  
White ..... - Signal  
Blue ..... + Sense  
Yellow ..... - Sense

**Platform Size:**

15.75 in x 15.75 in max

**Warranty:**

Two-year limited warranty

**Approvals:**



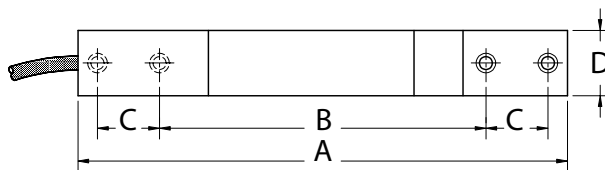
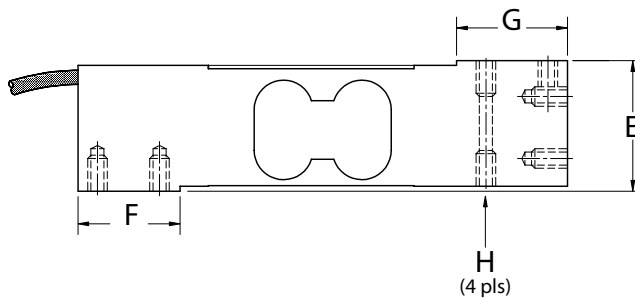
### Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H
kg/mm								
3-100	150.0	100.0	19.0	25.4	40.0	31.2	34	1/4-20 UNC
lb/in								
6.6-220.5	5.91	3.94	0.75	1.00	1.58	1.23	1.34	1/4-20 UNC

### Order Information

Load Rating	Part#	Est. Weight	Price
3 kg	188672	2 lb	\$180.00
5 kg	188673	2 lb	\$180.00
7 kg	188674	2 lb	\$180.00
10 kg	188675	2 lb	\$180.00
15 kg	188676	2 lb	\$180.00
20 kg	188677	2 lb	\$180.00
30 kg	188678	2 lb	\$180.00
50 kg	188679	2 lb	\$180.00
75 kg	188680	2 lb	\$180.00
100 kg	188681	2 lb	\$180.00



**Interchangeable Products**

EVERY WEIGH-TRONIX®  
**FLS**

**Specifications**

**Full Scale Output:**

1.0 (± 10%) mV/V

**Output Resistance:**

350 (± 3) ohms

**Input Resistance:**

385 (± 10) ohms

**Material/Finish:**

Stainless steel

**Temperature:**

Operating range:  
-40° F to 150° F / -40° C to 65° C

**Safe Overload:**

150% full scale

**Rated Excitation:**

5-15 VDC

**Hysteresis:**

0.02% R.O.

**Linearity:**

0.02% R.O.

**Seal Type:**

Environmentally sealed, IP67

**Insulation Resistance:**

5,000 megohms

**Cable Length:**

10 ft (3.1 m)

**Cable Color Code:**

Green .....+ Excitation  
Black.....- Excitation  
Red .....+ Signal  
White .....- Signal

**Warranty:**

Two-year limited warranty



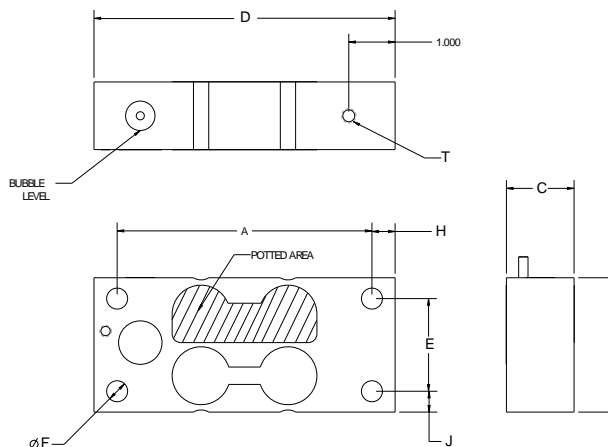
**Dimensions**

*Picture is a representation of actual product*

Rated Capacity	A	B	C	D	E	F	H	J	T
<b>lb/in</b>									
50-75	5.50	2.90	0.735	6.50	2.00	0.453	0.50	0.45	5/16-18 UNC x 0.50
<b>kg/mm</b>									
22.7-34.0	139.7	73.7	18.7	165.1	50.8	11.5	12.7	11.43	5/16-18 UNC x 0.50

**Order Information**

Load Rating		Part#	Est. Weight	Price
50 lb	22.7 kg	<b>125612</b>	3 lb	\$595.00
75 lb	34.0 kg	<b>125613</b>	3 lb	\$595.00



# RLBLP

Aluminum, Environmentally Sealed, IP65



## Interchangeable Products

FLINTEC™  
PB

## Specifications

- Full Scale Output:**  
1 mV/V
- Output Resistance:**  
1,000 (± 10) ohm
- Input Resistance:**  
1,180 (± 50) ohm
- Material/Finish:**  
Aluminum
- Temperature:**  
Operating range:  
-40° F to 150° F / -40° C to 65° C
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5-15 VDC
- Combined Error:**  
0.05% full scale
- Seal Type:**  
Environmentally sealed, IP65
- Insulation Resistance:**  
5,000 megohms
- Cable Length:**  
15 kg=1.0 m  
37.5 kg, 75 kg, 150 kg=1.5 m
- Cable Color Code:**  
Green .....+ Excitation  
Black .....- Excitation  
White .....+ Signal  
Red .....- Signal
- Warranty:**  
Two-year limited warranty

### Approvals:



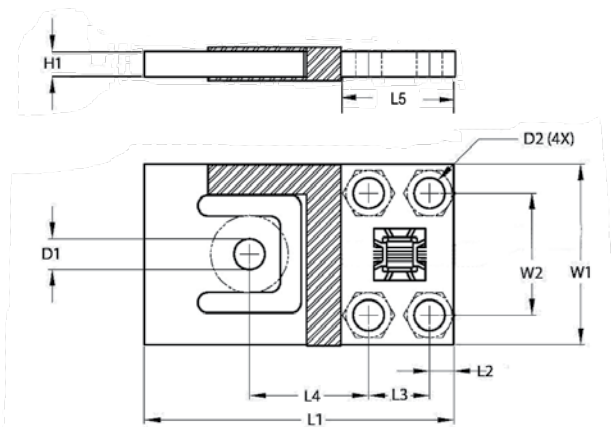
## Dimensions

Picture is a representation of actual product

Rated Capacity	L1	L2	L3	L4	L5	W1	W2	H1	D1	D2
kg/mm										
15	70.00	4.9	14.00	28.00	23.7	39.00	27.8	4.1	7.6	5.1
37.5	76.2	6.00	15.00	29.3	27.00	44.5	30.00	4.8	7.6	6.6
75	84.4	6.4	15.00	34.00	27.7	54.8	30.00	6.4	7.6	6.6
150	107.3	7.8	22.9	45.9	38.4	69.9	44.5	7.9	9.1	8.1

## Order Information

Load Rating	Part #	Est. Weight	Price
15 kg	100272	1 lb	\$80.00
37.5 kg	104645	1 lb	\$85.00
75 kg	100273	1 lb	\$90.00
150 kg	100274	1 lb	\$95.00



## Specifications

**Full Scale Output:**
3.0 ( $\pm$  0.1%) mV/V
**Bridge Resistance:**

350 ohm, nominal

**Material/Finish:**

Stainless steel

**Temperature:**
Operating range  
-40° F to 150° F / -40° C to 65° C
**Safe Overload:**

150% full scale

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Linearity:**

0.05% full scale

**Repeatability:**

0.03% full scale

**Insulation Resistance:**

5,000 megohms

**Seal Type:**

Environmentally sealed, IP67

**Cable Length:**

40 ft polyurethane jacket with connector

**Cable Diameter:**

0.25 in

**Cable Color Code:**
Green .....+ Excitation  
Black .....- Excitation  
White .....+ Signal  
Red .....- Signal
**Warranty:**

Two-year limited warranty

**Approvals:**


## Dimensions

Picture is a representation of actual product

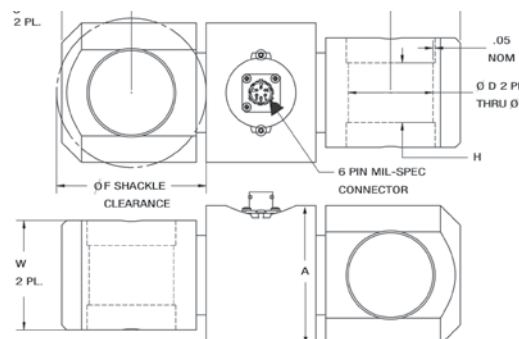
Rated Capacity	A	B	C	ØD	E	ØF	W	H
lb/in								
5,000-10,000	2.00	6.50	1.00	1.05	4.50	2.38	1.37	0.75
25,000	2.75	8.00	1.38	1.55	5.25	2.88	2.00	1.00
50,000-75,000	3.25	14.00	2.50	2.31	9.00	5.00	3.00	1.75
100,000-150,000	4.00	16.00	2.88	2.88	10.25	6.25	4.00	2.00
200,000	6.00	18.00	3.25	3.38	11.50	6.50	4.75	2.38
250,000	6.50	20.00	3.75	3.88	12.50	7.50	5.00	2.75
300,000-500,000	7.50	24.00	4.50	4.31	15.00	9.50	5.40	3.00

## Order Information

Load Rating	Part#	Est. Weight	Price
5,000 lb	117731	5 lb	\$1,215.00
10,000 lb	117732	5 lb	\$1,215.00
25,000 lb	117733	8 lb	\$1,420.00
50,000 lb	117735	34 lb	\$2,540.00
75,000 lb	117736	34 lb	\$2,540.00
100,000 lb	117737	56 lb	\$2,740.00
150,000 lb	117738	56 lb	\$2,740.00
200,000 lb	117739	95 lb	\$5,045.00
250,000 lb	117740	117 lb	\$5,445.00
300,000 lb	117741	191 lb	\$7,730.00
500,000 lb	117742	191 lb	\$7,730.00
<b>Replacement Parts</b>			
40 ft load cell cable	187132		\$150.00

## Shackles sold in pairs

Load Rating	Part#	Price
5,000 lb-10,000 lb	83450	\$200.00
25,000 lb	83451	\$625.00
50,000 lb	83452	\$925.00
75,000 lb	119279	\$1,595.00
100,000 lb	83453	\$2,925.00
150,000 lb-200,000 lb	83454	Consult
250,000 lb	83455	Consult
300,000 lb	83456	Consult



## MSI-Load Pin Sensors



### Standard Features

- Internally gauged load pin
- Idler sheave or dead end pin preferred location
- Minimum 5:1 safety factor
- 17-4 stainless steel construction
- $\pm 1\%$  to 3% accuracy of hoist capacity
- -40°F to 140°F standard operating temperature (other temperature compensated ranges available)

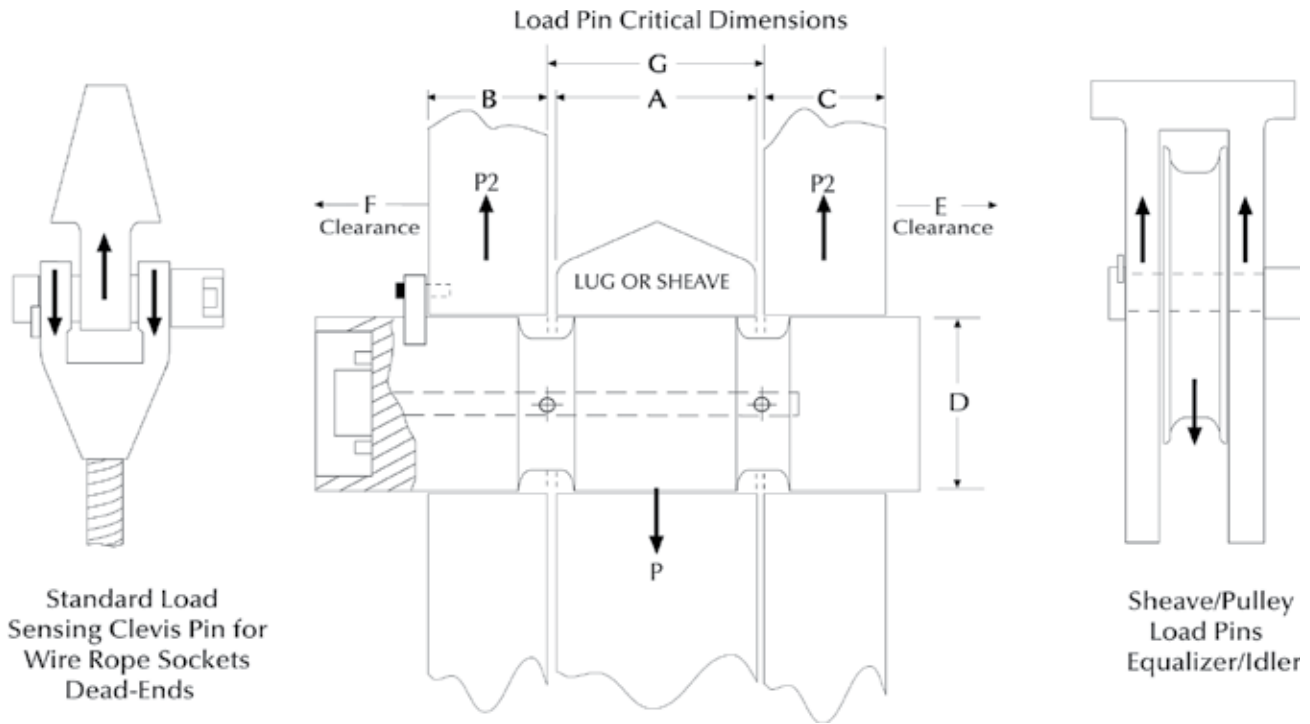
A key component for MSI's integrated overhead weighing solutions is the Load Pin Sensor. Typically designed and manufactured specifically to each integrated solution, the MSI load pin is strictly industrial grade. Each load pin design is precision machined from 17-4 stainless steel for safety, strength and corrosion resistance.

Each strain gauge location is precisely calculated and correctly placed in the optimum concentrated stress area of each installation. This MSI applied engineering process ensures the most efficient and accurate performance for each specific installation.

MSI load pin designs apply only internally mounted strain gauges for complete protection from the outside environment.

**To receive a quotation for a load pin sensor to meet your application requirements, complete the load pin questionnaire also located at [www.ricelake.com](http://www.ricelake.com) or contact an MSI overhead weighing specialist for further application assistance.**

# MSI-Load Pin Questionnaire



Load Pin Data	
A=Width _____	Inch
B=Width _____	Inch
C=Width _____	Inch
D=Pin Diameter _____	Inch
E=Clearance _____	Inch
F=Clearance _____	Inch
G=Width _____	Inch
Lube Port <input type="checkbox"/> No <input type="checkbox"/> Yes _____	# of exits
Hoist Capacity _____	Tons
Parts of Wire Rope _____	
Sensor Capacity _____	Tons
Factor of Safety <input type="checkbox"/> 3:1 <input type="checkbox"/> 5:1 <input type="checkbox"/> 7:1 <input type="checkbox"/> 10:1	
Application _____	
Accuracy Requirement _____	
Temperature Requirement _____	
Required Output _____	
Material Testing Requirement _____	
Load Vector Orientation/Alignment <input type="checkbox"/> ← <input type="checkbox"/> → <input type="checkbox"/> ↙ <input type="checkbox"/> ↘	
Name _____	
Company _____	
Phone _____	
Note: Minimum clearance between "A" and "G" = 0.0625 inch.	

Cable Connections	
End-Mounted Cable	
End-Mounted Connector (standard)	
Side-Mounted Cable	
Side-Mounted Connector	
Recessed Connector	
Sensor's Cable Length _____	Feet
Comments _____	



230 W. Coleman St. • Rice Lake, WI 54868 • USA  
 TEL: 800-874-4320 • FAX: 206-244-8470 • www.ricelake.com/msi

An ISO 9001 registered company © 2019 Rice Lake Weighing Systems PN 154086 10/19  
 Specifications subject to change without notice.

# MSI-Tension Link Load Cell



## Specifications

**Bridge:**
**Input Resistance:**  
1,500 ohm

**Output Resistance:**  
2,000 ohm

**Full Scale Output:**  
0.8mV/V

**Material:**  
4340 steel

**Connector Pin Out:**

- A: EX+
- B: Sig +
- C: Sig -
- D: EX-

## Standard Features

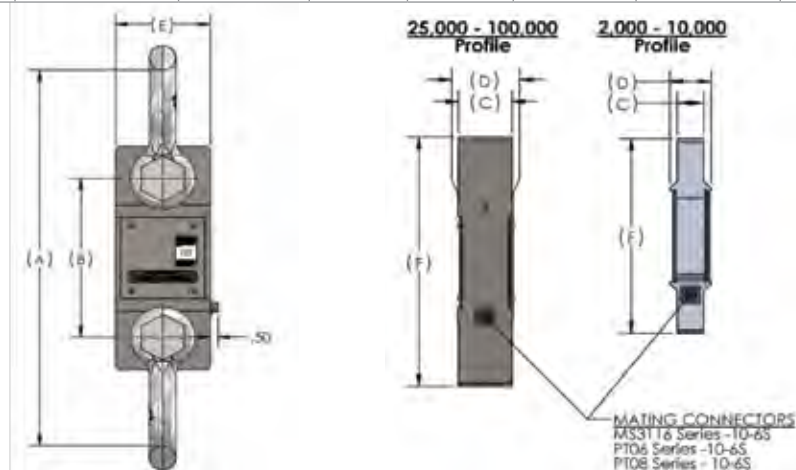
- 4340 steel construction
- Mil spec connector
- 7:1 safety factor

## Part Number/Price

Part #	Description	Price
181907	2K 7200 Style Load Cell Only	\$885.00
181908	5K 7200 Style Load Cell Only	\$885.00
181909	10K 7200 Style Load Cell Only	\$930.00
178093	25K 7200 Style Load Cell Only	\$1,015.00
178094	50K 7200 Style Load Cell Only	\$1,585.00
181910	100K 7200 Style Load Cell Only	\$2,340.00
134505	Mating Cable Assembly, 10 ft	\$165.00

## Dimensions

Capacity (lbs)	P/N	Load Cell Material	(A) Headroom Loss	(B) C-C Length	(C) Lug Thk	(D) Body Thk	(E) Body Width	(F) Body Length	Lug Hole	Crosby Shackle
2,000	181907	Aluminum	13.50	8.00	0.99	2.13	4.50	9.75	0.78	3-1/4 T 151357
5,000	181908	Aluminum	13.50	8.00	0.99	2.13	4.50	9.75	0.78	3-1/7 T 151357
10,000	181909	Aluminum	16.13	8.50	1.35	2.13	5.37	10.75	1.05	6-1/2T 151355
25,000	178093	Steel	22.39	9.26	2.24	2.24	4.80	12.76	1.67	17T 141992
50,000	178094	Steel	25.74	9.76	2.74	2.81	5.43	13.76	2.05	25T 151356
100,000	181910	Steel	28.49	10.74	3.09	3.09	6.86	15.74	2.30	55T 146336





## Specifications

**Accuracy:**

3-5%

**Material:**

4340 steel, zinc plated

**IP Rating:**

IP68

**Cable Color Code:**

Red .....+ Excitation  
 Black.....- Excitation  
 Green.....+ Signal  
 White .....- Signal



## Standard Features

- ETD 150 construction
- Accommodates up to 3/4-inch wire rope size
- IP68
- Larger diameter clamp ons available - call for pricing

## Options

- Custom sizes available on request
- Pair with an SCT transmitter for basic safety functions

## Part Number/Price

Part #	Description	Price
<b>179080</b>	Load Cell Assembly Clamp-On for 3/8 to 1/2 in wire rope	\$675.00
<b>179082</b>	Load Cell Assembly Clamp-On for 9/16 to 3/4 in wire rope	\$800.00
<b>188816</b>	Kit with SCT-2200 for 3/8 to 1/2 in wire rope	\$1,200.00
<b>188817</b>	Kit with SCT-2200 for 9/16 to 3/4 in wire rope	\$1,330.00

*Larger diameter clamp ons available - call for pricing*

## Dimensions

Cable Range	P/N	A	B	C
3/8 - 1/2	179080	Cable + 1.70	6.00	2.00
9/16-3/4	179082	Cable + 1.67	6.00	2.00

