

## 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 or RL32018S-T 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.

### Specifications

**Full Scale Output:**

2.0 ± 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:**

15 V DC

**Combined Error:**

0.03% Full scale

**Insulation Resistance:**

5000 megohms

**Seal Type:**

Welded seal, IP67

**Cable Length:**

30 ft/9.1 m (500-10 k)

**Cable Color Code:**

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

**Warranty:**

Two-year limited warranty

### 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 or RL32018S-T stainless steel load cells
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

### Standard Features

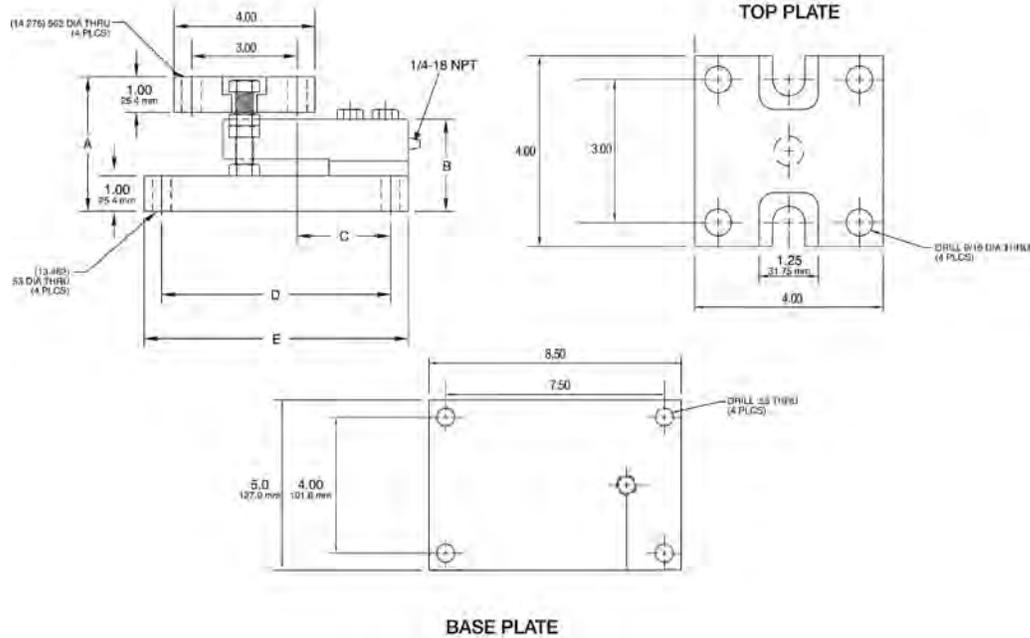
- Capacities: 500-10,000 lb (226.8-4,536.0 kg)
- Stainless steel
- Overload and overlift protection
- Rocker pin loading
- Welded-sealed load cells
- Integral lateral stops
- 30 ft cable on load cells

### Applications

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

### 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	<b>159288</b>	\$950.00
1,250 lb	<b>159289</b>	\$950.00
2,500 lb	<b>159290</b>	\$950.00
5,000 lb	<b>159291</b>	\$1,150.00
10,000 lb	<b>159292</b>	\$1,150.00
<b>3-Module Kit</b>		
500 lb	<b>162942</b>	\$2,960.00
1,250 lb	<b>162944</b>	\$2,960.00
2,500 lb	<b>162945</b>	\$2,960.00
5,000 lb	<b>162946</b>	\$3,660.00
10,000 lb	<b>162947</b>	\$3,660.00
<b>4-Module Kit</b>		
500 lb	<b>162948</b>	\$3,910.00
1250 lb	<b>162949</b>	\$3,910.00
2500 lb	<b>162950</b>	\$3,910.00
5000 lb	<b>162951</b>	\$4,710.00
10,000 lb	<b>162953</b>	\$4,710.00