

**Interchangeable Products**

RICE LAKE WEIGHING SYSTEMS  
**RL75223** ..... page 166  
 THURMAN®  
**TSC 800** ..... —

**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS  
**Translink™** ..... page 100

**Specifications**

**Full Scale Output:**

3.0 mV/V

**Output Resistance:**

700 (± 7) ohm

**Input Resistance:**

700 (± 7) ohm

**Material/Finish:**

High-alloy steel, nickel plated

**Temperature:**

Compensated range  
 14°F to 104°F (-10°C to 40°C)  
 Operating range  
 0°F to 150°F (-18°C to 65°C)

**Seal Type:**

Welded-seal, IP67  
 (Conduit is recommended for maximum protection against the ingress of water and moisture through the cable entry).

**Safe Overload:**

150% full scale

**Safe Sideload:**

100% full scale

**Rated Excitation:**

5-10 VDC (20 V maximum)

**Combined Error:**

0.025% full scale

**Non-repeatability:**

0.01% 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)

**Cable Length:**

40 ft (12.2 m)

**Cable Diameter:**

0.295 polyurethane jacket

**Cable Color Code:**

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

**Warranty:**

One-year limited warranty

**Approvals:**

cFMus  
 NTEP

**APPROVALS**



**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	5.13	8.50	1.00	2.06	1/2-14NPT	1.50	3.00	1.03	2.20
100,000	10.25	5.12	1.00	—	—	2.40	5.13	8.50	1.00	2.06	1/2-14NPT	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	130.3	215.9	25.4	52.3	1/2-14NPT	38.1	76.2	26.2	55.9
45,359.2	260.4	130.1	25.4	—	—	61.0	130.3	215.9	25.4	52.3	1/2-14NPT	38.1	76.2	26.2	55.9

**Order Information**

Load Rating	Part#	Est. Weight	Price
50,000 lb	21605	22 lb	Consult
65,000 lb	21606	22 lb	Consult
100,000 lb	21607	22 lb	Consult
<b>Overbraided Cable</b>			
50,000 lb	101121	24 lb	Consult
65,000 lb	101122	24 lb	Consult
100,000 lb	101123	24 lb	Consult

