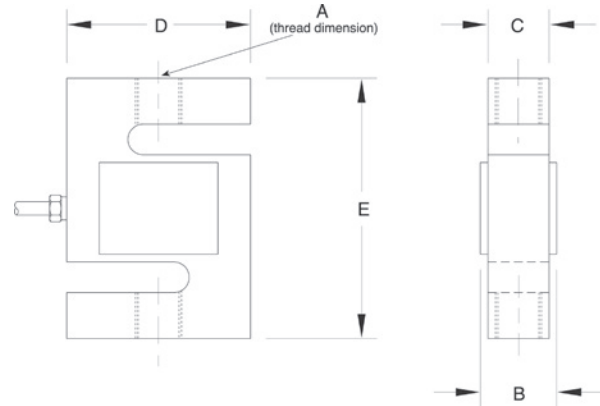


# RL2000ST

S-beam, Stainless Steel, NTEP Certified 1:10,000 Class III Single Cell, IP67



Picture is a representation of actual product



## Specifications

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

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

**Input Resistance:**  
430 (± 60) ohms

**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

**Warranty:**

Two-year limited warranty

**Approvals:**



## Dimensions

RATED CAPACITY	A	B	C	D	E
<b>lb/inches</b>					
50-300	1/4-28 UNF-2B	0.65	0.46	2.00	2.40
500-1,000	1/2-20 UNF-2B	0.90	0.71	2.00	2.40
1,500-2,500	1/2-20 UNF-2B	1.15	0.96	2.00	2.40
3,000	1/2-20 UNF-2B	1.15	0.96	3.00	3.90
5,000	3/4-16 UNF-2B	1.15	0.96	3.00	3.90
<b>kg/mm</b>					
22.7-45.4	1/4-28 UNF-2B	16.5	11.7	50.8	60.9
340.2-453.6	1/2-20 UNF-2B	22.9	18.0	50.8	60.9
680.4-1,134	1/2-20 UNF-2B	29.2	24.4	50.8	60.9
1,360.8	1/2-20 UNF-2B	29.2	24.4	76.2	99.1
2,268.0	3/4-16 UNF-2B	29.2	24.4	76.2	99.1

## Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
50 lb (22.9 kg)	72741	2 lb	Consult
100 lb (45.4 kg)	72742	2 lb	Consult
200 lb (90.72 kg)	72743	2 lb	Consult
250 lb (113.4 kg)	72744	2 lb	Consult
300 lb (136.1 kg)	72745	2 lb	Consult
500 lb (226.8 kg)	72746	2 lb	Consult
750 lb (340.2 kg)	72747	2 lb	Consult
1,000 lb (453.6 kg)	72748	2 lb	Consult
1,500 lb (680.4 kg)	72749	2 lb	Consult
2,000 lb (907.2 kg)	72750	2 lb	Consult
2,500 lb (1,134.0 kg)	72751	2 lb	Consult

## Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
3,000 lb (1,360.8 kg)	72752	4 lb	Consult
5,000 lb (2,268.0 kg)	72753	4 lb	Consult
<b>Conduit Adapter Kit* (must be factory installed to maintain warranty)</b>			
3/8-24 nipple	31533*	1 lb	Consult
3/8-24 to 1/4-18 NPT	31534*	1 lb	Consult

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

\*\* Limited quantities available