

RL2000ST

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



APPROVALS



Specifications

- Full Scale Output:**
3.0 mV/V
- Output Resistance:**
350 (±3.5) ohm
- Input Resistance:**
430 (± 60) ohm
- Material/Finish:**
Stainless steel
- 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:**
Environmentally sealed, IP67
- Safe Overload:**
150% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.03% full scale
- Insulation Resistance:**
5,000 megohms
- 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
lb/in					
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
kg/mm					
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	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	136.0 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
3,000 lb	1,360.8 kg	72752	4 lb	Consult
5,000 lb	2,268.0 kg	72753	4 lb	Consult
Conduit Adapter Kit* (must be factory installed to maintain warranty)				
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.

