

SINGLE-ENDED BEAM

RLSB250/RLSB250T

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



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
lb/in										
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
kg/mm										
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	Consult
2,500 lb	116053	6 lb	Consult
5,000 lb	116054	6 lb	Consult
10,000 lb*	116055	10 lb	Consult
Options			
Load cell button	116084	—	Consult

*No threads in load hole

