

RLDB5000S

Stainless Steel, NTEP Certified 1:10000 IIL Multiple Cell, Welded Seal, IP67



Interchangeable Products	
CARDINAL®	
DB5000S.....	—

Specifications

- Full Scale Output:**
2 ± 0.1% mV/V
- Output Resistance:**
699-707 ohm
- Input Resistance:**
686-714 ohm
- 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 DC maximum)
- Non-repeatability:**
0.01% full scale
- Combined Error:**
0.03% full scale
- Insulation Resistance:**
5,000 megohms
- Deflection at Capacity:**
50,000 lb=0.01 in (0.38 mm)
- Seal Type:**
Welded seal, IP67
- Cable Length:**
35 ft (10.6 m)
- Cable Diameter:**
0.305 polyurethane jacket
- Cable Color Code:**
Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal
- Warranty:**
Two-year limited warranty
- Approvals:**

Dimensions

Picture is a representation of actual product

Rated Capacity	B	C	D	E	F	G	K	I
lb/in								
50,000	8.25	7.25	2.00	1.76	0.75	0.93	1.8	2.5
kg/mm								
22,679.6	209.55	184.15	50.8	44.7	19.00	23.6	45.72	63.50

Order Information

Load Rating	Part#	Est. Weight	Price
50,000 lb	91765	10 lb	Consult

