

Load Cells/Weigh Modules

RLSB250 Single-Ended Beam

Stainless Steel



STANDARD FEATURES

- Interchangeable with Cardinal® SB2500
- Full scale output: 2.0mV/V
- Bridge resistance: 350 ohms, nominal
- Stainless steel
- Welded-seal, IP67

Cardinal is a registered trademark of Cardinal Scale Manufacturing Co.

APPROVALS



SPECIFICATIONS

FULL SCALE OUTPUT:
2.0mV/V

BRIDGE RESISTANCE:
350 ohms, nominal

MATERIAL/FINISH:
Stainless steel

TEMPERATURE:
Operating range
14°F to 104°F (-10°C to 40°C)

SAFE OVERLOAD:
150% Full scale

RATED EXCITATION:
10VDC (15V maximum)

COMBINED ERROR:
0.02%

NON-REPEATABILITY:
0.01% Full scale

INSULATION RESISTANCE:
5000 megohms

SEAL TYPE:
Welded-seal, IP67

CABLE LENGTH:
20ft (6.2m)

CABLE COLOR CODE:
Green + Excitation
Black - Excitation
White + Signal
Red - Signal

WARRANTY:
Two-year limited warranty

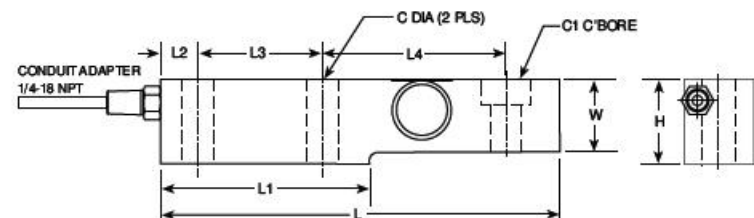
DIMENSIONS

RATED CAPACITY	C	C1	H	L	L1	L2	L3	L4	W
lb/inches									
2500	.53	.68 THRU C'BORE 1.19x.47DP	1.88	8.00	4.00	.75	2.50	3.88	1.44
kg/mm									
1134.0	13.5	.68 THRU C'BORE 1.19x.47DP	47.8	203.2	101.6	19.1	63.5	98.6	36.6

LOAD RATING

2500lb (1134.0kg) 34482

PART



Load Cells