

RL20000 SS S-Beam

Stainless Steel

APPROVALS



STANDARD FEATURES

- Scale conversions, tension applications, general-purpose weighing
- Full scale output: 3.0mV/V
- Bridge resistance: 350 ohms, nominal
- Stainless steel
- Environmentally sealed

SPECIFICATIONS

FULL SCALE OUTPUT:

3.0mV/V

BRIDGE RESISTANCE:

350 ohms, nominal

MATERIAL/FINISH:

Stainless steel

TEMPERATURE:

Compensated range
14°F to 104°F (-10°C to 40°C)

SEAL TYPE:

Environmentally sealed, IP67

SAFE OVERLOAD:

150% Full scale

RATED EXCITATION:

10VDC (15V maximum)

NONLINEARITY:

0.03% Full scale

HYSTERESIS:

0.02% Full scale

INSULATION RESISTANCE:

5000 megohms

CABLE LENGTH:

20ft (6.1 m)

CABLE COLOR CODE:

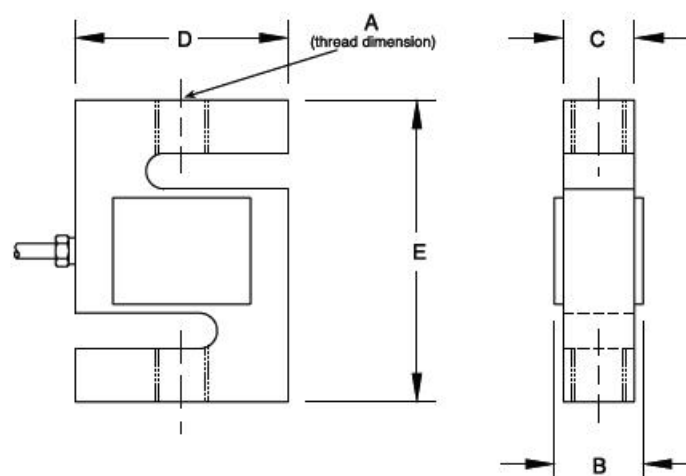
Red + Excitation
Black - Excitation
Green + Signal
White - Signal

WARRANTY:

Two-year limited warranty

DIMENSIONS

RATED CAPACITY lb/inches		A	B	C	D	E
50-250	1/4-28 UNF-2B	.65	.46	2.00	2.40	
500-1000	1/2-20 UNF-2B	.90	.71	2.00	2.40	
2500	1/2-20 UNF-2B	1.15	.96	2.00	2.40	
3000	1/2-20 UNF-2B	1.15	.96	3.00	3.40	
5000	3/4-16 UNF-2B	1.15	.96	3.00	3.40	
10,000	3/4-16 UNF-2B	1.15	.96	3.00	3.90	
kg/mm						
22.7-113.4	1/4-28 UNF-2B	16.5	11.7	50.8	61.0	
226.8-453.6	1/2-20 UNF-2B	22.9	18.0	50.8	61.0	
1134.0	1/2-20 UNF-2B	29.2	24.4	50.8	61.0	
1360.8	1/2-20 UNF-2B	29.2	24.4	76.2	86.1	
2268.0	3/4-16 UNF-2B	29.2	24.4	76.2	86.1	
4535.9	3/4-16 UNF-2B	29.2	24.4	76.2	99.1	



LOAD RATING PART

100lb (45.4 kg)	46511
250lb (113.4 kg)	46503
500lb (226.8 kg)	46504
750lb (340.2 kg)	46505
1000lb (453.6 kg)	46506
2500lb (1134.0 kg)	46507
3000lb (1360.8 kg)	46508
5000lb (2268.0 kg)	46509
10,000lb (4535.9 kg)	46510
Non-NTEP	
50lb (22.7 kg)	17013
Conduit Adapter Kit* (must be factory installed to maintain warranty)	
3/8-24 Nipple	31533*
3/8-24 to 1/4-18 NPT	31534*

* Parts #31533 and #31534 must be installed together to form the Conduit Adapter Kit