

SB5

Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, OIML C3, IP67



APPROVALS



Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
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Specifications

Full Scale Output:
 2.0 mV/V ± 0.07%
 Matched outputs via mV/V/ohm calibration

Output Resistance:
 1,000 (± 2) ohm

Input Resistance:
 1,100 (± 50) 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:
 200% full scale

Safe Sideload:
 100% full scale

Rated Excitation:
 5-10 VDC (15 V maximum)

Combined Error:
 ± 0.03% full scale

Insulation Resistance:
 10,000 megohms

Deflection at Capacity:
 5 kN=0.008 in (0.2 mm)
 10 kN=0.012 in (0.31 mm)
 20 kN=0.02 in (0.5 mm)
 50 kN=0.012 in (0.31 mm)

Cable Length:
 5 kN-20 kN=10 ft (3.1 m)
 50 kN-100 kN=15 ft (4.6 m)

Cable Diameter:
 0.196 polyurethane jacket

Cable Color Code:
 Green +Excitation
 Black -Excitation
 White +Signal
 Red -Signal
 Yellow Shield

Warranty:
 One-year limited warranty

Approvals:
 FM
 NTEP
 OIML

Dimensions

Picture is a representation of actual product.

Rated Capacity	C	C1	H	H1	H2	H3	H5	L	L1	L2	L3	L4	W
kN/in													
5-20	0.53	0.71	1.42	0.39	0.59	1.19	0.16	6.10	0.59	1.38	3.15	2.98	1.18
50	0.85	0.98	1.93	0.58	0.81	1.62	0.31	7.48	0.83	1.57	4.13	3.66	1.69
100	1.06	1.18	2.87	0.82	1.21	2.43	—	9.65	1.19	1.97	5.31	4.72	2.36
lb/mm													
1,125-4,500	13.5	18.00	36.1	9.9	15.00	30.2	4.1	154.9	15.00	35.1	80.00	75.7	30.00
11,250	21.6	24.9	49.00	14.7	20.6	41.2	7.9	190.00	21.1	39.9	104.9	93.0	42.9
22,500	26.9	30.00	72.9	20.8	30.7	61.7	—	245.1	30.2	50.00	134.9	119.9	59.9

Order Information

Load Rating	Part#	Est. Weight	Price
NTEP Certified/OIML			
5 kN	33387	3 lb	Consult
10 kN	33388	3 lb	Consult
20 kN	33389	3 lb	Consult
50 kN	33390	7 lb	Consult
Non-NTEP Certified/Non-OIML			
100 kN	33391	16 lb	Consult

30ft Cables

Load Rating	Part#	Est. Weight	Price
NTEP Certified/OIML			
5 kN	100174	5 lb	Consult
10 kN	100175	5 lb	Consult
20 kN	100176	5 lb	Consult
50 kN	100177	7 lb	Consult
Non-NTEP Certified/Non-OIML			
100 kN	100178	16 lb	Consult

