

Hardware to be ordered separately.

DIMENSIONS

RATED CAPACITY	C1	C2	C3	H	H1	H2	L	L1	L2	L3	L4	W	T
Klb/inches													
2.5-5	0.25	1.20	0.54	1.94	0.75	0.25	8.00	4.00	3.87	2.50	0.75	1.45	3/4-16 UNF-2B
10-20	0.25	1.20	0.78	2.46	0.75	0.25	9.00	4.00	5.25	2.00	0.75	1.94	0.69
kg/mm (conversion of above dimensions)													
1,134.0-2,268.0	6.35	30.5	13.6	49.2	19.0	6.35	203.2	101.6	98.4	63.5	19.1	36.8	3/4-16 UNF-2B
4,535.9-9,071.8	6.35	30.5	19.9	62.5	19.0	6.35	228.6	101.6	133.4	50.8	19.1	49.3	17.45

SPECIFICATIONS			
Full Scale Output	2.0 mV/V \pm 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	\pm 0.02 mV/V	Insulation Resistance	>2 [50V DC] G Ω
Non-linearity	< \pm 0.023%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< \pm 0.023%	Safe Overload	150% of full scale
Hysteresis Error	< \pm 0.023%	Breaking Overload	300% of full scale
Creep in 30 min.	< \pm 0.030%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	350 Ω \pm 7	Cable Color Code	Exc+ Red Exc- Black
Output Resistance	350 Ω \pm 3		Sig+ Green Sig- White
Element Material	17-4PH Stainless Steel		Shield Bare

PART NUMBER*		
Rated Capacity	Part No.	Weight Approx. (kg)
2.5Klb.....	563YSSB-2.5Klb.....	2.3
5Klb.....	563YSSB-5Klb.....	2.4
10Klb.....	563YSSB-10Klb.....	4.0
20Klb.....	563YSSB-20Klb.....	4.8

Hardware		
Hardware	Load Cell Capacity	Part No. Weight Approx. (kg)
Insert	(2.5-20)Klb.....	F563YSSB-1..... -
Rocker Pin.....	(2.5-20)Klb.....	F563YSSB-2..... -

* ATEX, FM, IECEx approved versions carry the “-Ex” suffix.

- 2.5Klb: NTEP 1:5 000 Class III, Single Cell; NTEP 1:9 500 Class III, Multiple Cell
 - 5Klb-20Klb: NTEP 1:6 000 Class III, Single Cell; NTEP 1:10 000 Class III, Multiple Cell
 - 2.5Klb-5Klb: OIML MAA C5, Y=26 000;
 - 10K-20Klb: OIML MAA C6, Y=8 500
- For further available P/N's & specifications per NTEP/OIML classes, please contact us.

INTERCHANGEABLE REFERENCE	
Brand	Model
Cardinal.....	SB2500S
Cardinal.....	SB5000S
Cardinal.....	SB10000S
Cardinal.....	SB20000S
Coti Global.....	CG-SB250
Rice Lake.....	RLSB250*

* Rice Lake RLSB250 is through hole design.

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