



We Sense Your Life...

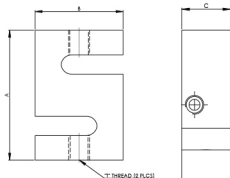


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Sensotech



Model SB-S



CAPACITY RANGE 50 TO 2500 KGF

CAPACITY KGF	A	B	C	T
SB 11-150	74	50.6	12.5	M10 X 1.25
SB 200-900	74	50.6	18.5	M12 X 1.25
SB 1000-2500	74	50.6	25.2	M12 X 1.25

WIRING SCHEMATIC

CLOUR CODE	CONNECTION
RED	EXCITATION (+)
BLACK	EXCITATION (-)
GREEN	OUTPUT (+)
WHITE	OUTPUT (-)
SHIELD	GROUND

Performance Data

Capacity Range (in kgf)	11/ 25/ 50/100/150/200/250/350/500/750/900
Capacity Range (in lf)	1/1.1/1.2/1.5/1.8/2/2.2/2.5
Nominal Sensitivity (mV/V)	3±0.25%
Zero Signal Tolerance	0±2%
Input Resistance	350±5Ω
Output Resistance	350±3Ω
Recommended Excitation Voltage	10 VDC
Maximum Excitation Voltage	15 VDC
Linearity Deviation (as % of Full Scale)	<±0.020
Repeatability (as % of Full Scale)	<±0.020
Hysteresis (as % of Full Scale)	<±0.020
Creep (as % of Full Scale) in 30 min	<±0.020
Effect of Temperature on Zero(% / o C)	±0.002
Effect of Temp. on Span (% / o C of Load)	±0.001
Compensated Temperature Range	-10 to + 40°C
Operating Temperature Range	-20 to 70°C
Combined Error (as % of Full Scale)	<±0.025 max
Isolation Resistance (@ 50 VDC)	>1000 M Ω
Max. Limit Force (as % of Full Scale)	150
Breaking Force (as % of Full Scale)	300
Lateral Load Limit (as % of Full Scale)	
Protection Class	IP 67
Material of Construction	High Nickel Alloy Steel

Features

- Low Profile design
- Low Deflection & Creep
- Excellent Overload Capability
- Standardised output for Multi-Transducer Application

Optional

Explosion Proof Version Suitable for Group I,IIA, IIB, IIC & meet Temperature Class T4

Application

UTM, SPM, Bin/Hopper/ Hanging Scale/
Weighfeeder/Overhead Track scale/ crane scale
Concrete Batching Machinery /
Tensile Testing Machine /
Compressive Testing/paramedical / GYM
Equipments / Dynamic Weighing / Textile
Machinery / Automobile testing machine.

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