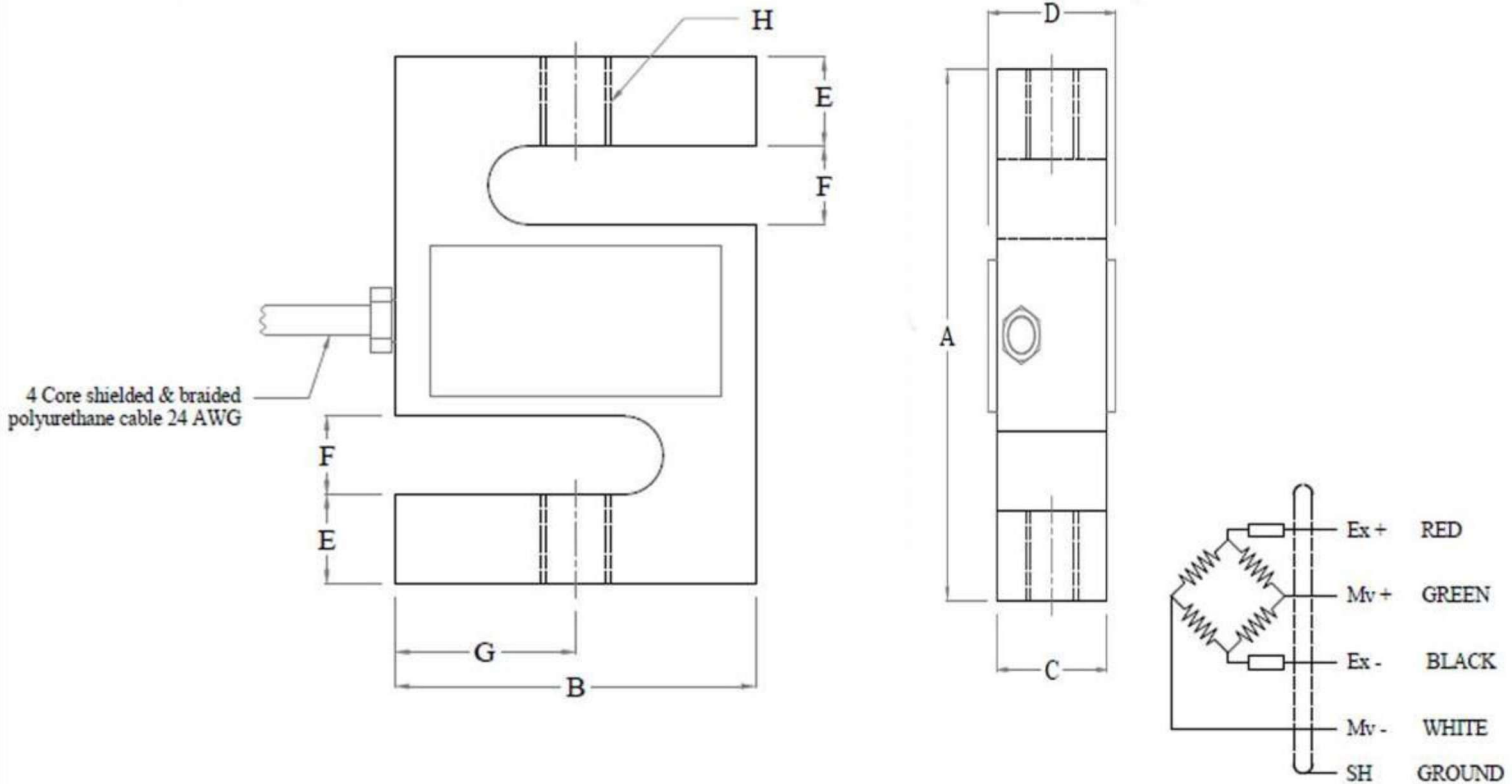


MODEL : SB-S



Dimension



Cap. kgf	A	B	C	D	E	F	G	H
10 - 150	74	50.6	12.5	15.5	12	11	25.3	M10x1.25
200 - 900	74	50.6	18.5	21.5	12	11	25.3	M12x1.25
1000 - 2500	74	50.6	25.2	29	14	11	25.3	M12x1.25

All Dimensions are in mm.

MODEL : SB-S

Performance

Capacity Range (in Kg \bar{f})	10/11/25/50/100/150/200/250/350/500/750/900
Capacity Range (in tf)	1/1.1/1.5/1.8/2/2.2/2.5
Nominal Sensitivity (mv/V)	3 \pm 0.25%
Zero Signal Tolerance	0 \pm 2%
Input Resistance	350 \pm 5fi
Output Resistance	350 \pm 3fi
Recommended Excitation Voltage	10 VDC
Maximum Excitation Voltage	15 VDC
Linearity Deviation (as % of Full Scale)	< \pm 0.020
Repeatability (as % of Full Scale)	< \pm 0.020
Hysteresis (as % of Full Scale)	< \pm 0.020
Creep (as % of Full Scale) in 30 min	< \pm 0.020
Effect of Temperature on Zero (% / $^{\circ}$ C)	\pm 0.002
Effect of Temperature on Span (% / $^{\circ}$ C of Load)	\pm 0.001
Compensated Temperature Range	-10 to + 40 $^{\circ}$ C
Operating Temperature Range	-20 to +70 $^{\circ}$ C
Combined Error (as % Full Scale)	< \pm 0.020 max
Insulation Resistance (@ 50 VDC)	> 1000 M fi
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 / zone I

Application

- ★ UTM, SPM, Bin/Hopper/Hanging Scale/Weighfeeder/Overhead Truck scale/crane scale Concrete Batching Machinery / Tensile Testing machine/Compressive Testing/paramedical/GYM Equipment/Dynamic Weighing/ Textile Machinery/ Automobile testing machine.

Disclaimer : Specification and Dimensions are subject to change without notice and do not constitute any liability whatsoever

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