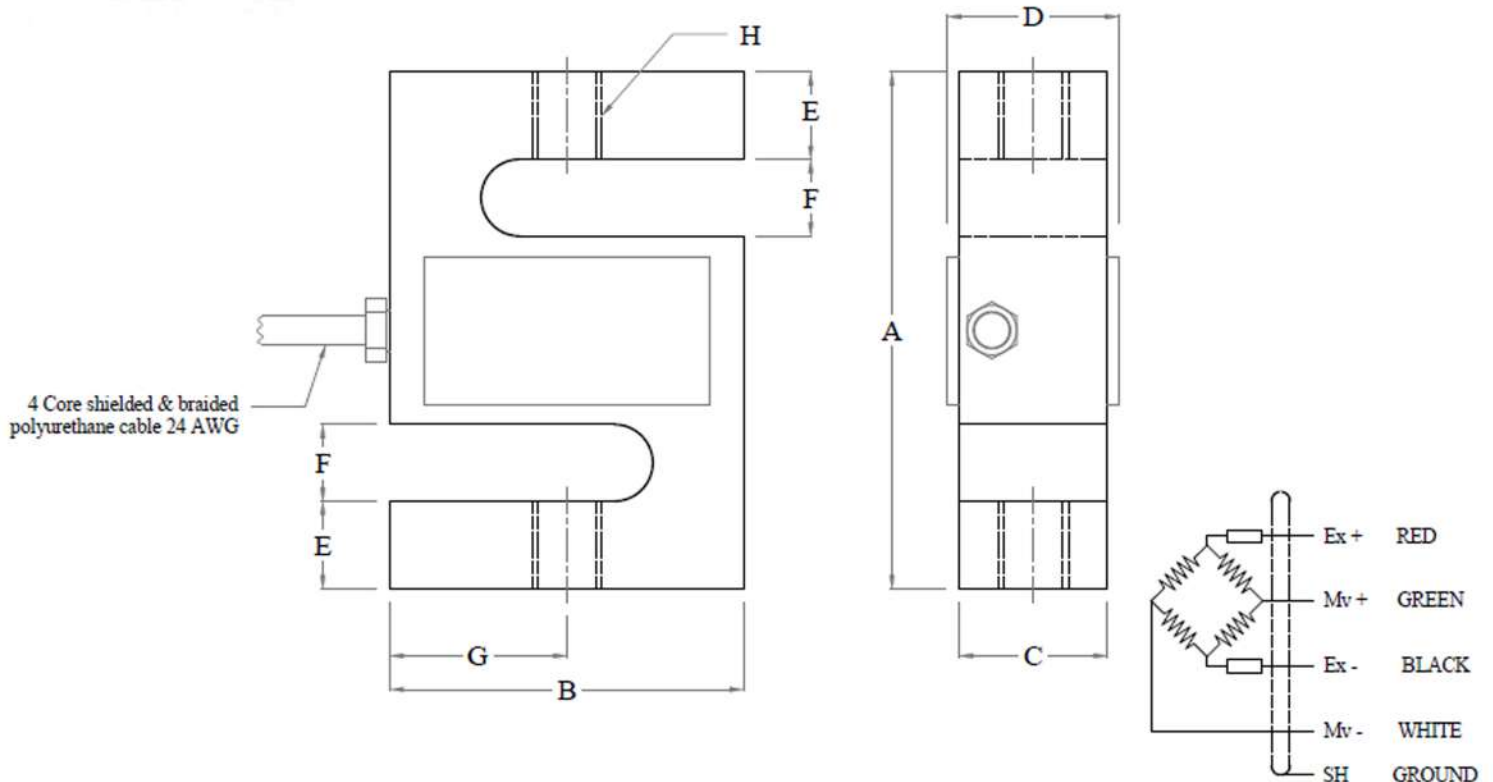


# MODEL : SB



## Dimension



Cap. $\mu$ f	A	B	C	D	E	F	G	H
3.5 - 5	121	89	25.2	28.2	28	12	44.5	M20x1.5
7	138	100	31.5	34.5	31.6	12	50	M24x2.0
10 - 11.5	150	125	45	48	37.5	12	62.5	M30x2.0

All Dimensions are in mm.

## MODEL : SB

### Performance Data

Capacity Range ( in tf)	3.5/ 5/ 7/ 10/ 11.5
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 ( % / °C)	± 0.002
Effect of Temperature on Span ( % / °C of Load)	± 0.001
Compensated Temperature Range	-10 to + 40°C
Operating Temperature Range	-20 to +70°C
Combined Error (as % Full Scale)	< ± 0.020 max
Insulation 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 / 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/Automobile testing machine / Aerospace / Engine Thrust Measurement.

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

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