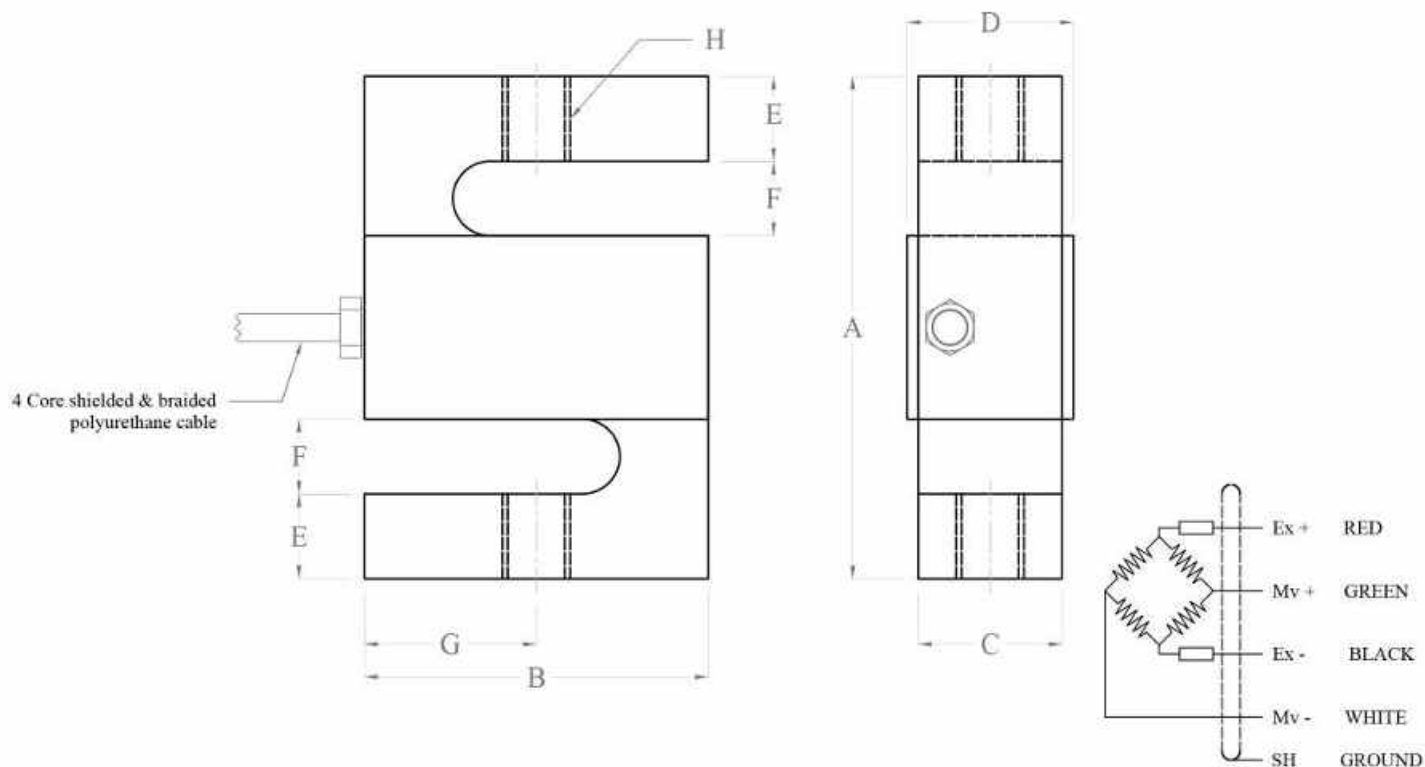


MODEL : SB-P



Dimension



Cap. kgf	A	B	C	D	E	F	G	H
250 - 450	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-P

Performance Data

Capacity Range (in kgf)	250/ 350/ 450
Capacity Range (in tf)	1/ 2/ 2.5
Nominal Sensitivity (mv/V)	2±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

Application

- ★ Concrete Batching Plant / UTM

Sensotech

2/675, " THE PALMS", 1st Cross Street, Ranga Reddy Garden, Neelankarai, Chennai-600 041

Tel : +91- 44 -2449 4305 / 91763 70667 / 73057 16667

Mail : sales@sensotechindia@gmail.com / sensotechindia@gmail.com

Website : www.sensomaticloadcell.net / www.sensomaticloadcell.com