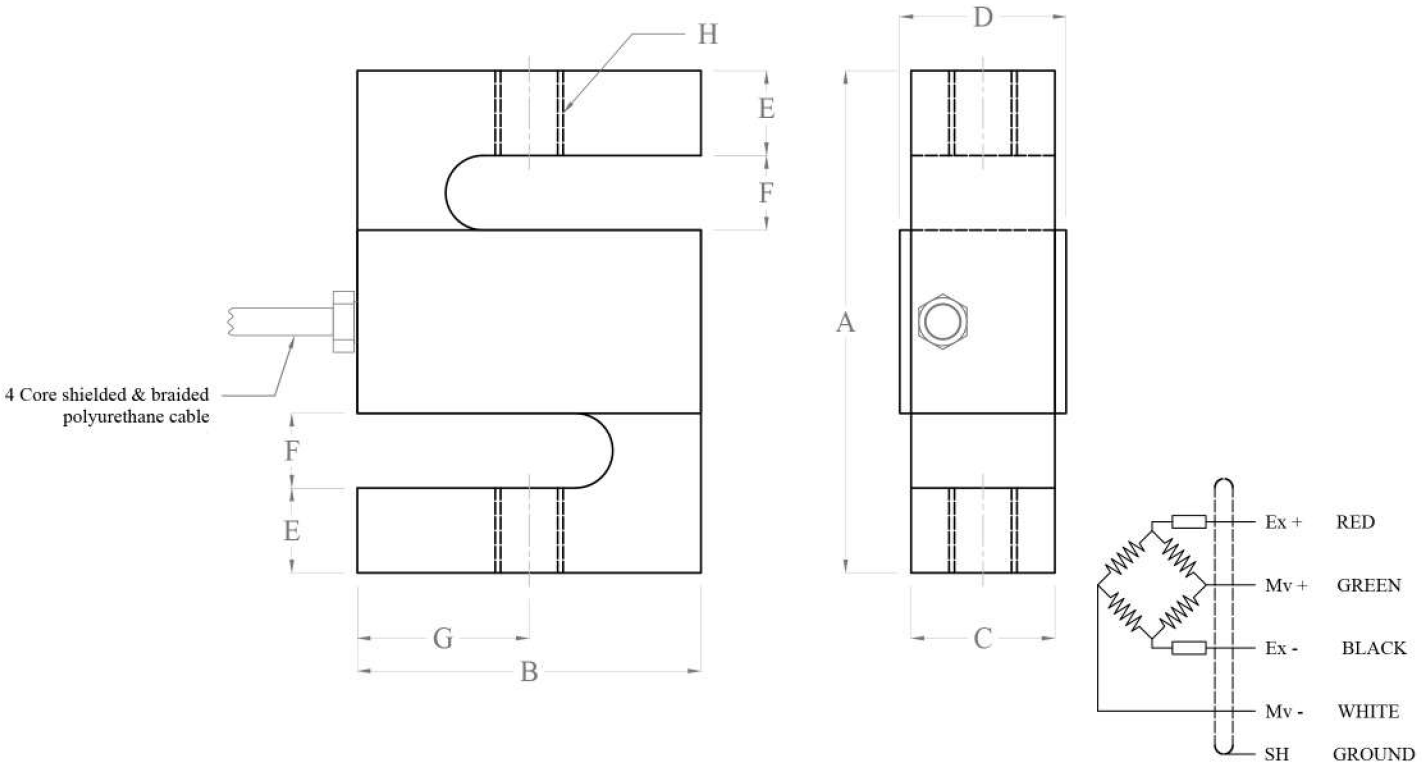
SENSOMATIC
We Sense Your Life....
(An ISO 9001 - 2015 Company)

Brand Powered by
Sensotech
Redefining Transducer Technology...

MAKE IN INDIA

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.

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Performance Data

Capacity Range (in Kg)	250/ 350/ 450
Capacity Range (in tf)	1/ 2/ 1.35
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
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 Truck scale/crane scale Concrete Batching Machinery / Tensile Testing machine/Compressive Testing/paramedical/GYM Equipment/Dynamic Weighing/ Textile Machinery/ Automobile testing machine.

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