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

Brand Powered by >>>
Sensotech
Redefining Transducer Technology...

MAKE IN INDIA

MODEL : SB-S

Dimension

MODEL - SB-S

4 Core shielded & braided polyurethane cable 24 AWG

Ex +	RED
Mv +	GREEN
Ex -	BLACK
Mv -	WHITE
SH	GROUND
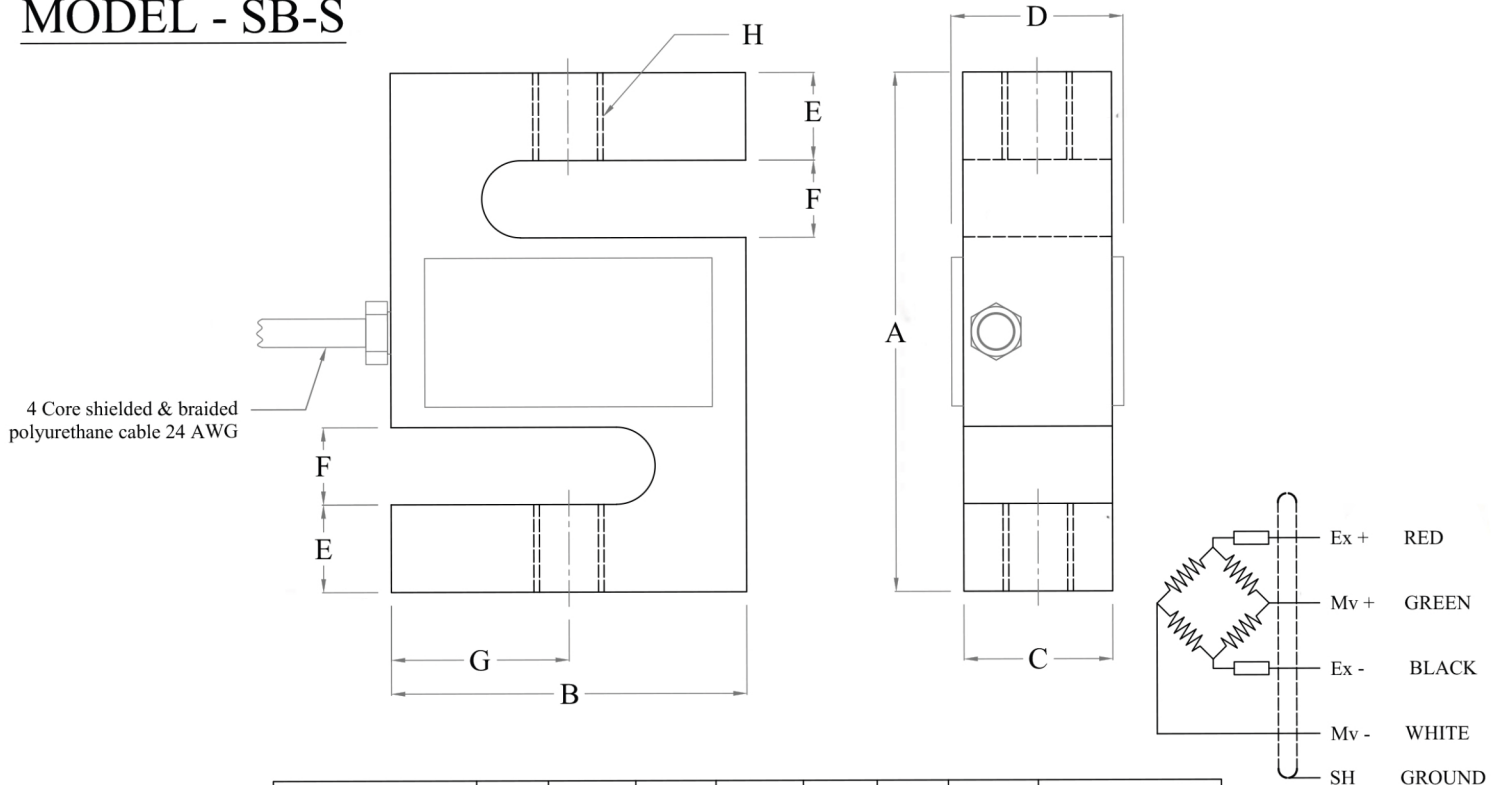
Cap. kgf	A	B	C	D	E	F	G	H
10 - 25	74	50.6	12.5	15.5	12	11	25.3	M8x1.25
50 - 150	74	50.6	12.5	15.5	12	11	25.3	M10x1.25
200 - 900	74	50.6	18.5	21.5	12	11	25.3	M12x1.25
1000 - 2500	74	50.6	25.2	29	14	11	25.3	M12x1.25

All Dimensions are in mm.

MODEL : SB

Performance Data		Features

Capacity Range (in Kg)		★ Low Profile Design
Capacity Range (in tf)	3.5/ 5/ 7/ 10/ 11.5	★ Low Deflection & Creep
Nominal Sensitivity (mv/V)	3±0.25%	★ Excellent Overload Capability
Zero Signal Tolerance	0 ± 2%	★ Standardised output for
Input Resistance	350±5Ω	★ Multi-Transducer Application
Output Resistance	350±3Ω	
Recommended Excitation Voltage	10 VDC	
Maximum Excitation Voltage	15 VDC	**Optional**
Linearity Deviation (as % of Full Scale)	< ± 0.020	
Repeatability (as % of Full Scale)	< ± 0.020	★ Explosion proof Version Suitable for Group I,IIA,IIB,IIC & meet Temperature Class T4
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	**Application**
Compensated Temperature Range	-10 to + 40˚C	
Operating Temperature Range	-20 to +70˚C	★ UTM,SPM,Bin/Hopper/Hanging Scale/Weighfeeder/ Overhead Truck scale/crane scale Concrete Batching Machinery / TensileTesting machine/ Compressive Testing/paramedical/GYM Equipment/Dynamic Weighing/Automobile testing machine / Aerospace / Engine Thrust Measurement.
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	