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

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

MAKE IN INDIA

MODEL : SESB

Dimension

MODEL - SESB

Ex +   RED

Mv +   GREEN

Ex -   BLACK

Mv -   WHITE

SH   GROUND

4 Core shielded & braided
polyurethane cable 24 AWG

ØG (2 Places)   H
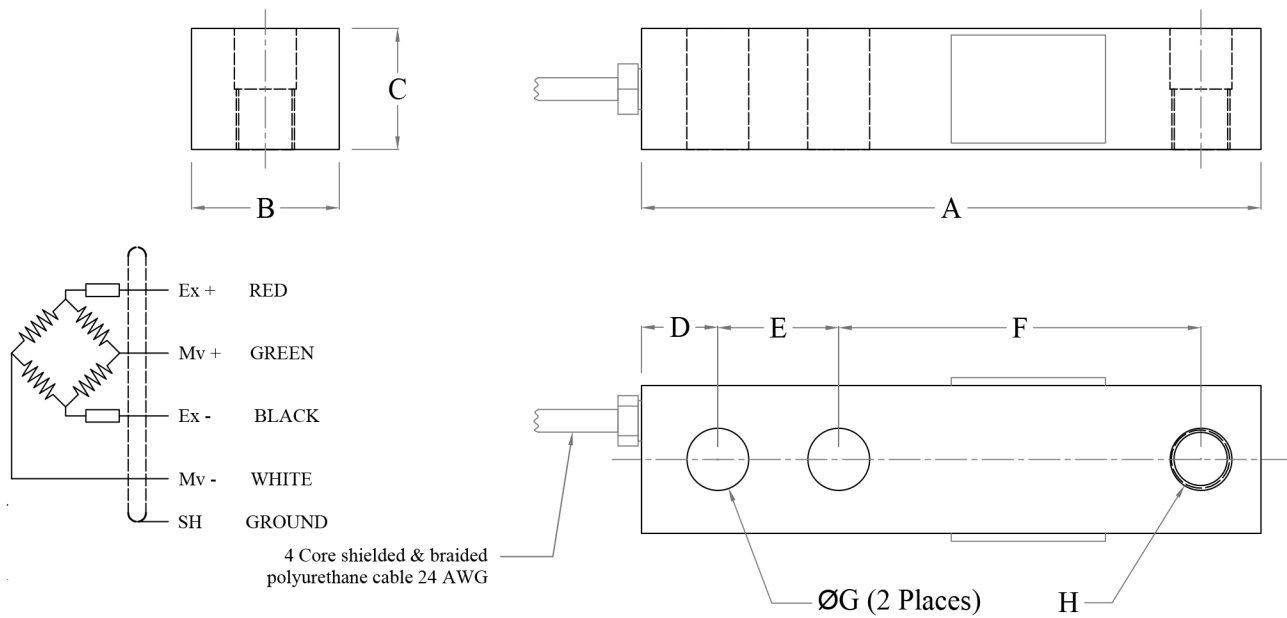
Cap. kgf	A	B	C	D	E	F	G	H
50 - 300	130	32	25.4	16	25.4	76	13	M12x1.25 ,B13x12.7 Depth

All Dimensions are in mm.

MODEL : SESB

Performance Data

Capacity Range (in Kg)	50/150/100/200/250/300
Capacity Range (in tf)	
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)	< ± 0.025 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

★ Low profile floor scale, Tank/Hopper
   weighing, Overload Track Scale,
   Dynamic Weighing/Process Automation /
   Bagging Machine, Concrete Batching
   Machinery/Patient Bed Weighing/
   Health monitoring