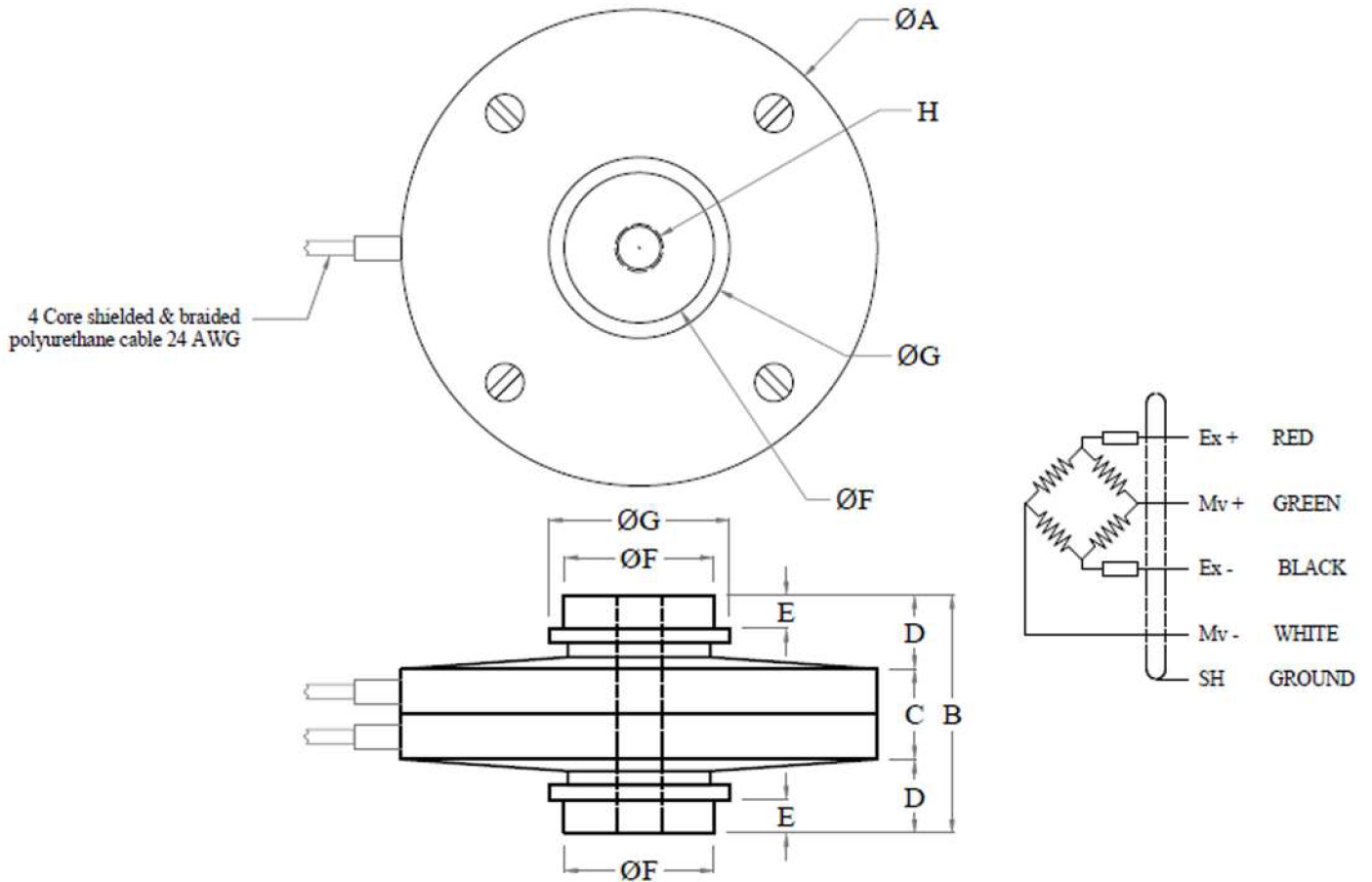


MODEL : DS



Dimension



Cap. Kg	A	B	C	D	E	F	G	H
450	100	50	19	15.5	7	31.5	38	M10x1.5

All Dimensions are in mm.

MODEL : DS

Performance Data

Capacity Range (in Kg)	450
Capacity Range (in tf)	
Nominal Sensitivity (mv/V)	1±0.25%
Zero Signal Tolerance	0 ± 3%
Input Resistance	350 Ω
Output Resistance	350 Ω
Recommended Excitation Voltage	10 VDC
Maximum Excitation Voltage	15 VDC
Linearity Deviation (as % of Full Scale)	< ± 0.017
Repeatability (as % of Full Scale)	< ± 0.017
Hysteresis (as % of Full Scale)	< ± 0.017
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)	< ± 0.23 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	Alloy steel with ENP

Features

- ★ Low profile Design
- ★ Low Deflection & Creep
- ★ Excellent Overload Capability

Application

- ★ Compression Testing

Sensotech

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