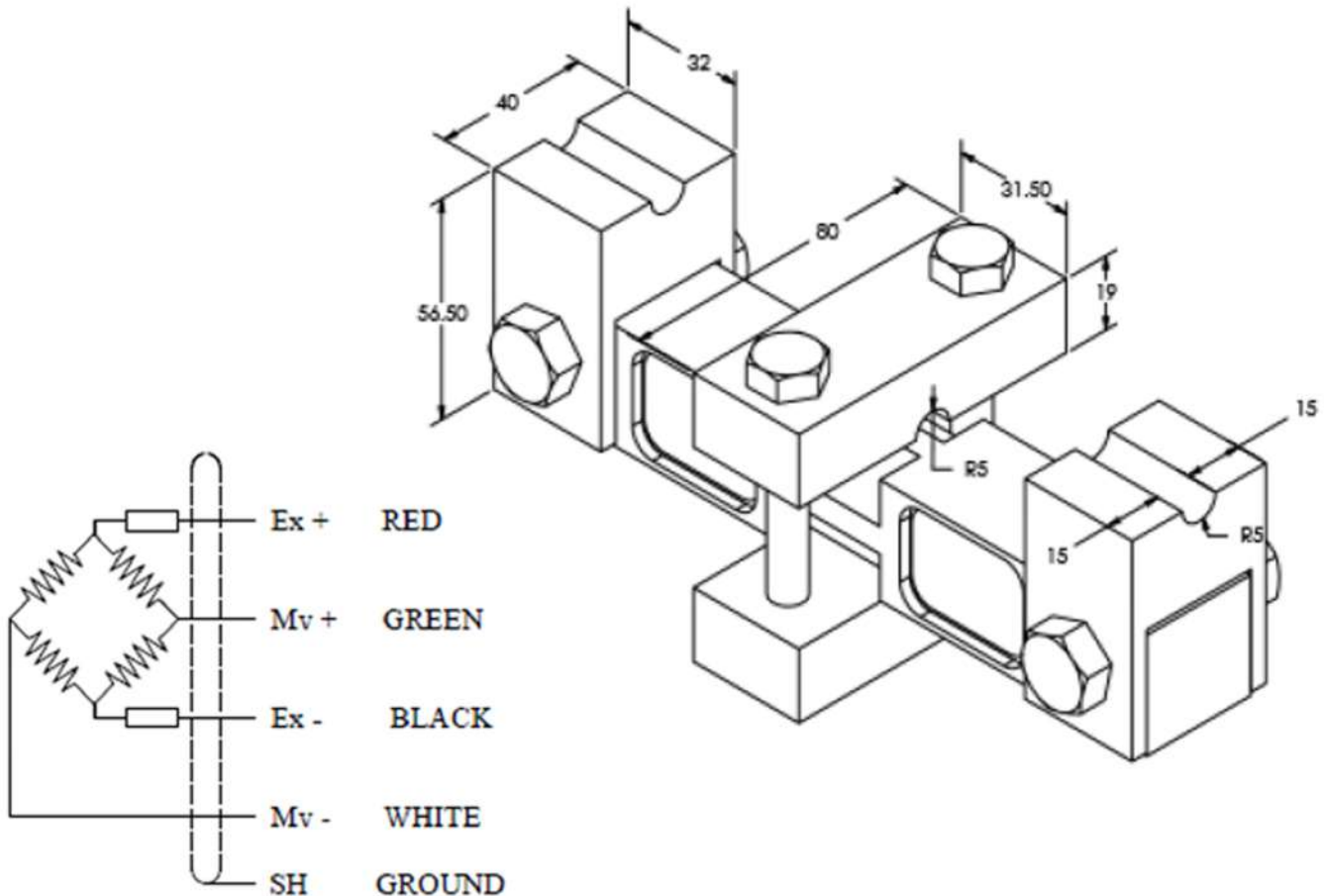


MODEL : DESB-RTM (Single Rope)



Dimension



MODEL : DESB-RTM (Single Rope)

Performance Data

Capacity Range (in Kg)	500 / 1100/ 1350 / 2250
Capacity Range (in tf)	4.5 / 5 /10 / 11.5 / 15 / 20
Nominal Sensitivity (mv/V)	3±0.25%
Zero Signal Tolerance	0 ± 2%
Input Resistance	700±5Ω
Output Resistance	700±3Ω
Recommended Excitation Voltage	10 VDC
Maximum Excitation Voltage	25 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)	500:1
Protection Class	IP 68
Material of Construction	High Nickel Alloy Steel

Features

- ★ Low Profile Design
- ★ Excellent Overload Capability
- ★ In-built Lightning Protection
- ★ Low Deflection & Creep
- ★ Allows High Permissible Dynamic Load
- ★ Insensitive to Eccentric Load

Optional

- ★ Explosion Proof Version suitable for Group I, IIA, IIB, IIC & meet Temperature Class T4

Application

- ★ For Rope tension Measurement in crane / Lift
- ★ Suitable for 1/2/3/4/5/6 Ropes

Sensotech

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