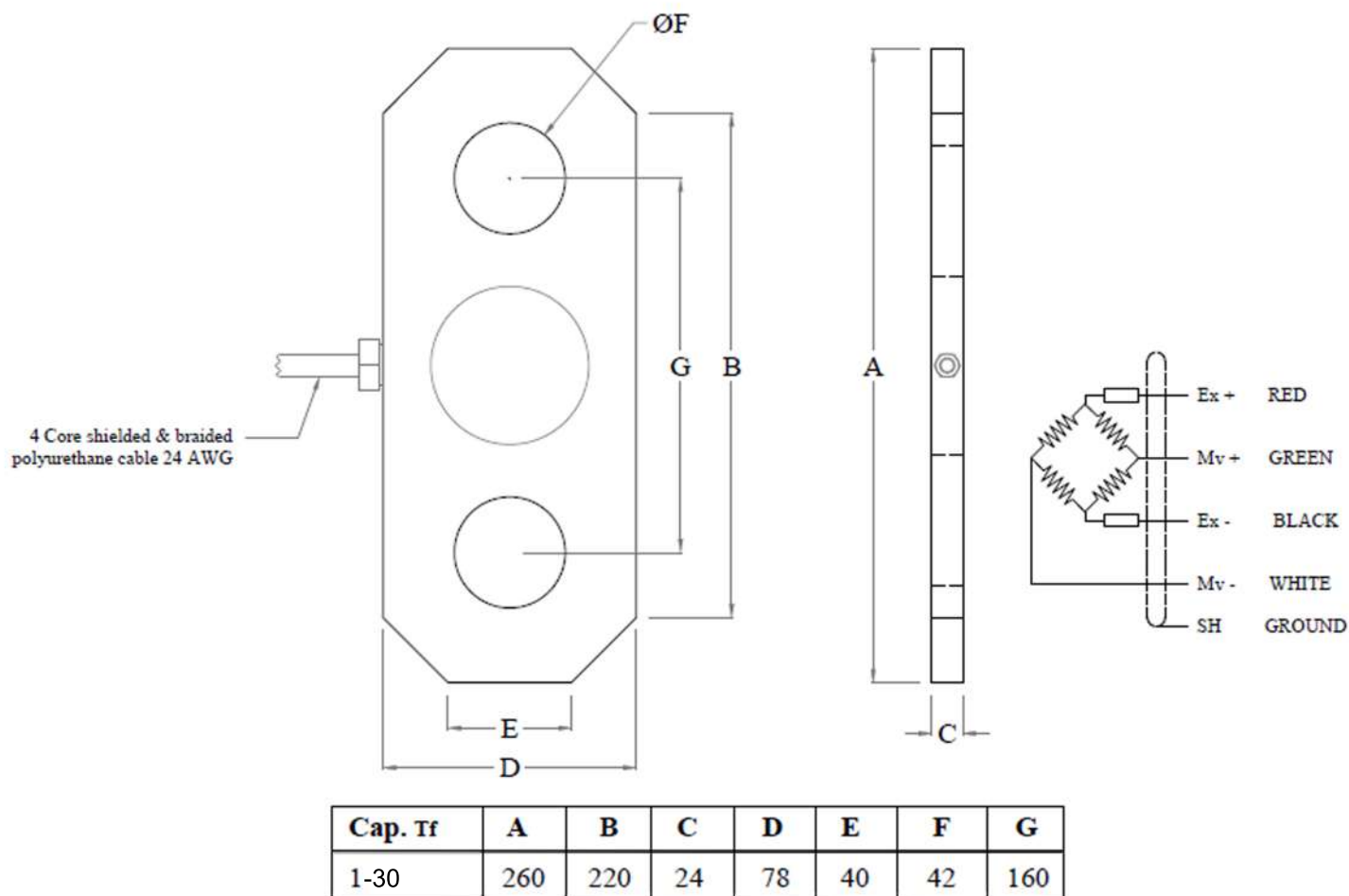


MODEL : TSN



Dimension



All Dimensions are in mm.

MODEL : TSN

Performance Data

Capacity Range (in Kg)	
Capacity Range (in tf)	1/2/3/5/7.5/10/15/20/30
Nominal Sensitivity (mv/V)	1±0.25%
Zero Signal Tolerance	0 ± 2%
Input Resistance	350±5 Ω
Output Resistance	350±5 Ω
Recommended Excitation Voltage	12 VDC
Maximum Excitation Voltage	18 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)	< ± 0.03 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 68
Material of Construction	High Nickel Alloy Steel

Features

- ★ Low Deflection & Creep
- ★ Allows High permissible Dynamic Load
- ★ High Fatigue Rated & Impact Resistant

Application

- ★ For Tensile testing
- ★ Crane Scales
- ★ Cradle platform Scales
- ★ For Mooring & Towing Application (Marine)

Sensotech

2/675, " THE PALMS", 1st Cross Street, Ranga Reddy Garden, Neelankarai, Chennai-600 041.

Tel : +91- 44 -2449 4305 / 91763 70667 / 73057 16667

Mail : sales@sensotechindia@gmail.com / sensotechindia@gmail.com

Website : www.sensomaticloadcell.net / www.sensomaticloadcell.com