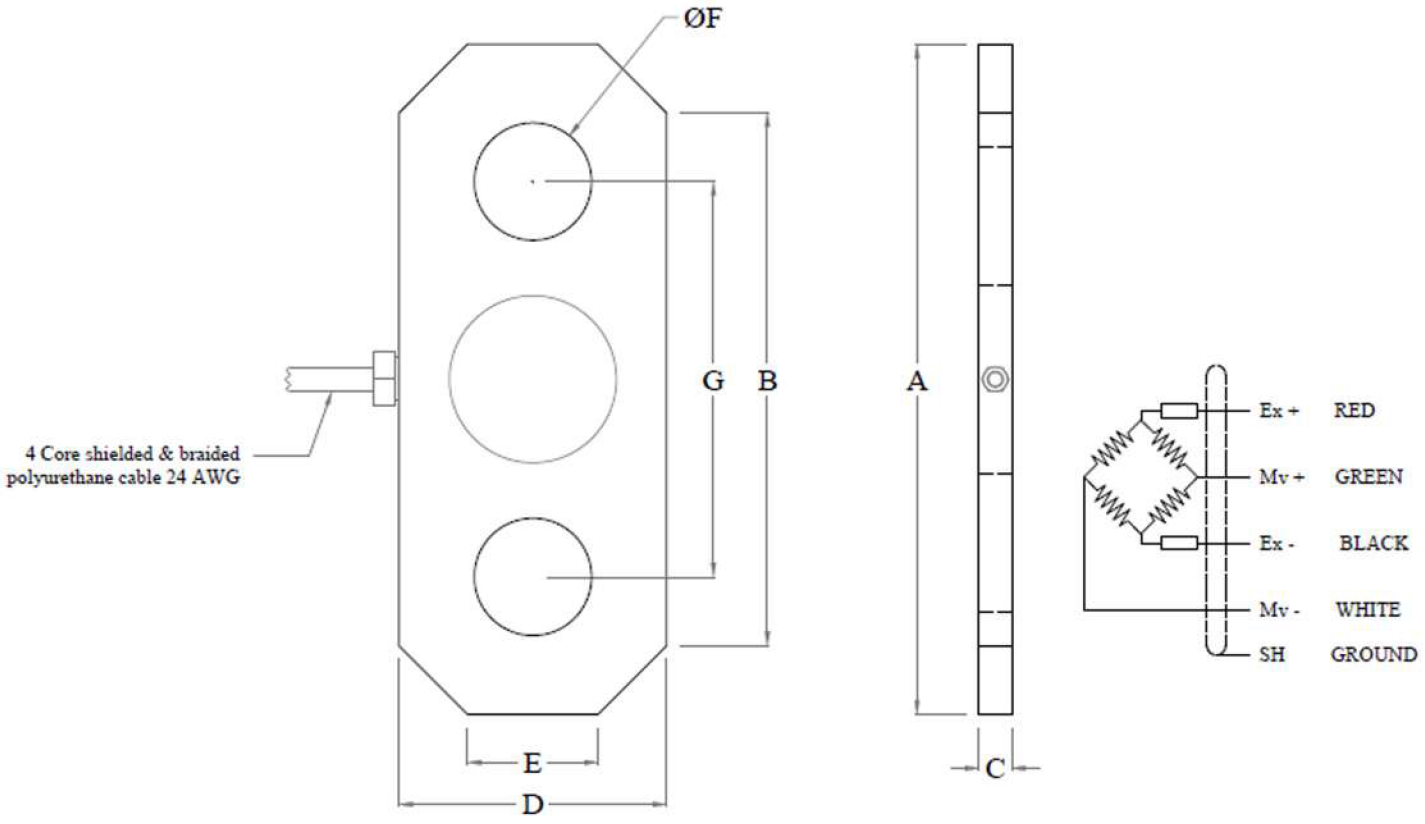
SENSOMATIC
We Sense Your Life....
(An ISO 9001 - 2015 Company)

Brand Powered by
Sensotech
Redefining Transducer Technology...

MAKE IN INDIA

MODEL : TSN

Dimension



Cap. Tf	A	B	C	D	E	F	G
1-30	260	220	24	78	40	42	160

All Dimensions are in mm.

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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)

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