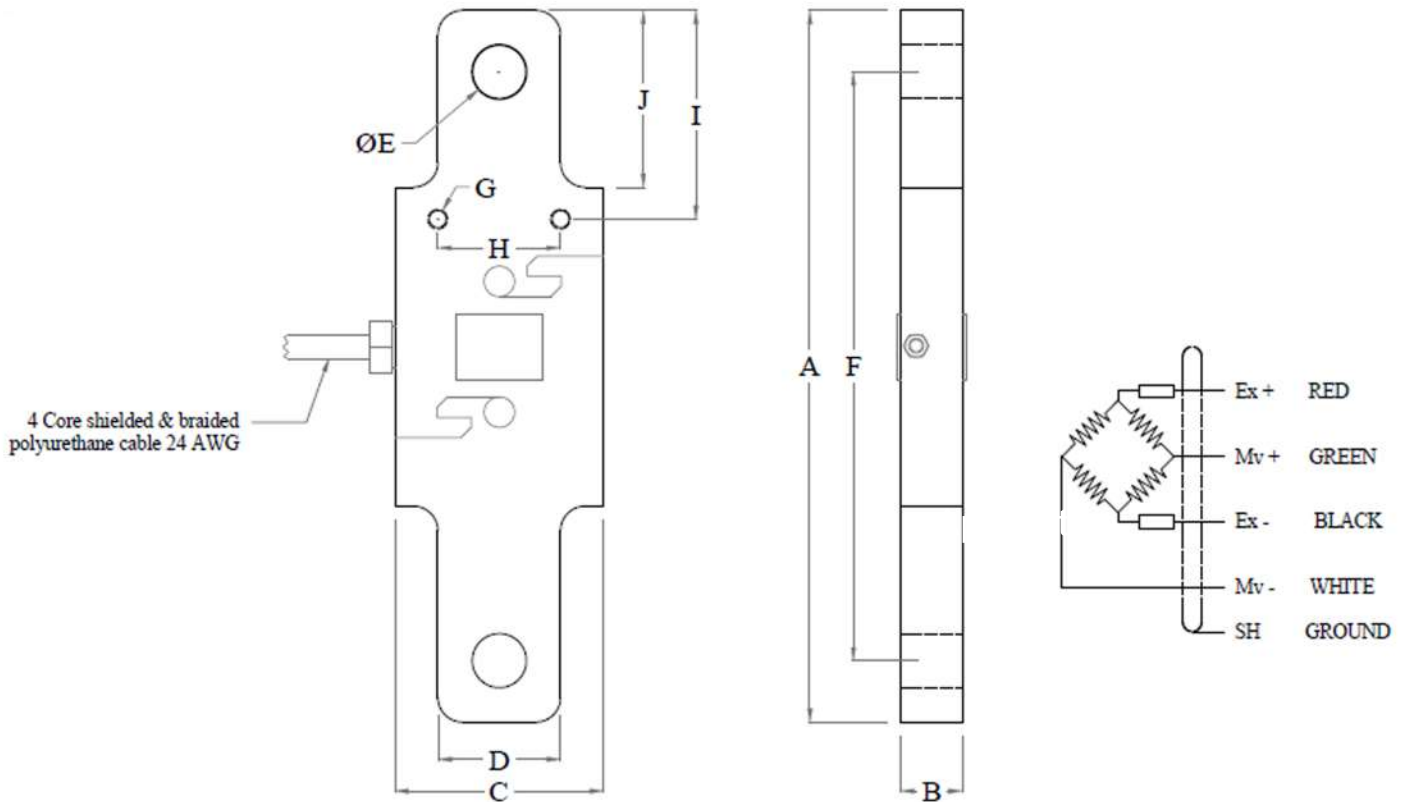


# MODEL : CRN-S



## Dimension



Cap. Tf	A	B	C	D	E	F	G	H	I	J	K
0.5 - 5	290	25	85	50	22	240	M8x1.25	50	75	72	130

All Dimensions are in mm.

## MODEL : CRN-S

### Performance Data

Capacity Range (in Kg)	500
Capacity Range ( in tf)	1/ 2 /3 /5
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 Loading
- ★ Built-in Mechanical Overload Protection
- ★ High Fatigue Rated & Impact Resistant

### Application

- ★ Crane Scale
- ★ Process Automation, Tension Measurement

### Sensotech

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