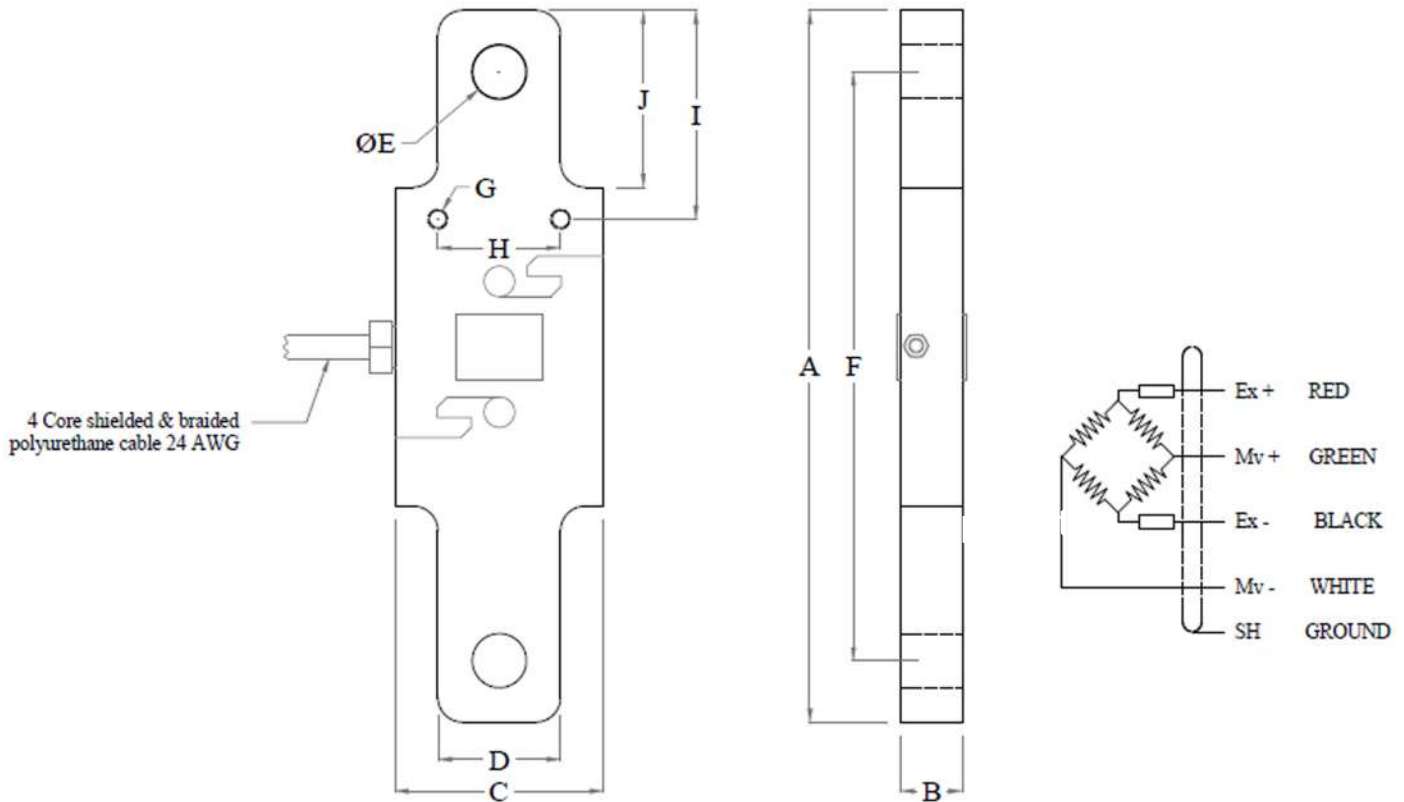


# MODEL : CRN-S



## 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 kgf)                         | 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            |
| Insulation 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

Disclaimer :Specification and Dimensions are subject to change without notice and do not constitute any liability whatsoever

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