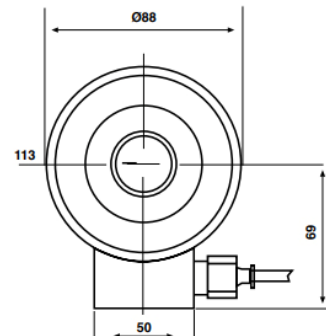
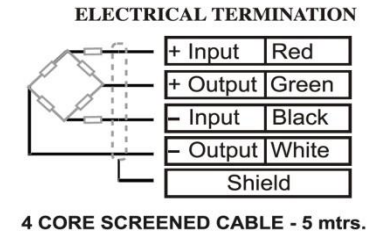
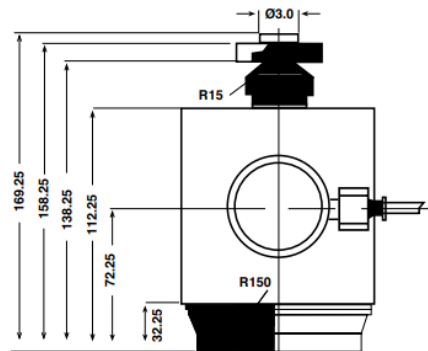


**SHIVAY****SENSOR**

# Model S-120

## Compression Load cell



3-30 ton

### SPECIFICATION

| RATED LOAD (T) 3, 5, 10, 20, 30 |                      |                               |                 |
|---------------------------------|----------------------|-------------------------------|-----------------|
| Precision                       | C3                   | Maximum nos. of varification  | 3000            |
| Combine Error                   | $\pm 0.2$            | Maximum loadcell varification | $E_{max}/15000$ |
| Rated Output(mv/v)              | $1.5 \pm 0.1$        | Calibration mv/v              | $\pm 0.05$      |
| Non-Linearity (%FS)             | 0.016                | Compensated Temp.(°C)         | -10~+50         |
| Hysteresis (%FS)                | 0.016                | Use Temp. (°C)                | -30~+70         |
| Repeatability (%FS)             | 0.02/0.01            | Temp. Effect on Span(%FS)     | 0.01            |
| Creep (%FS)                     | 0.016                | Temp. Effect on Zero(%FS)     | 0.01            |
| Zero Balance (%FS)              | $\pm 1.0$            | Safe Overload(%FS)            | 150             |
| Input Impedance( $\Omega$ )     | $670 \pm 15$         | Ultimate Overload(%FS)        | 200             |
| Output Impedance( $\Omega$ )    | $605 \pm 5$          | MOC                           | SS              |
| Insulation (M $\Omega$ )        | $\geq 5000$ (100VDC) | Protection Grade              | IP 68           |
| Excitation Voltage(V)           | 5~15(DC)             | Cable length                  | 15 mtr.         |

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