

Description

70440 is **CE Certified** double ended shear beam load cell ideally suited for Truck, Track, Onboard and Rail Wagon weighing applications. Its construction of high alloy tool steel provides optimum protection under impact loading & adverse conditions. The cell is environmentally protected with waterproof seal and is Electroless nickel plated to assure resistance against corrosion. It ideally suits to Rail Wagon weighing with fixing slot on loading side for the rail track.

Features

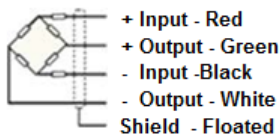
- ❖ **CE Rated** ❖ Available in capacity of 10 to 20 Tf.
- ❖ Standard output 2.0mV/V
- ❖ Complete environment protection IP 65 class.

Applications

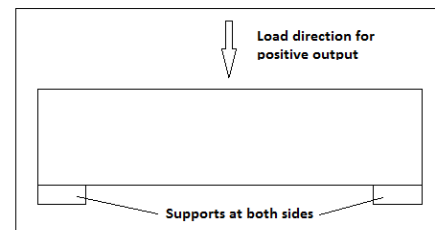
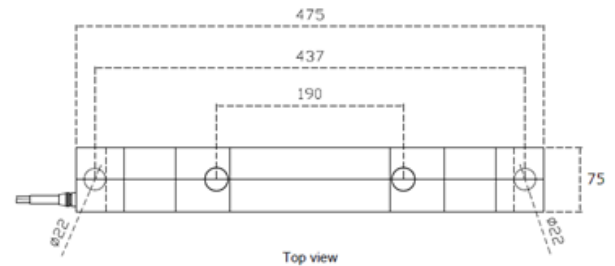
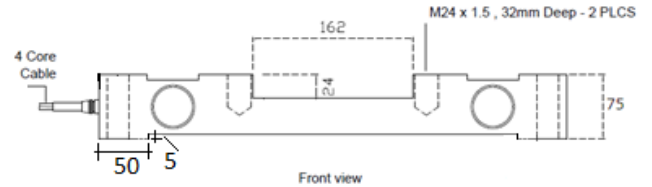
Truck Scale, Track Scales
Rail Wagon Weighing
On Board Weighing

Performance Specification

Standard Capacity	10,15,20 Tf.
Excitation Voltage	10 VDC- Maximum 15 VDC
Nominal Output	2.0 m V/ V
Non - Linearity	< ±0.1% FSO (Full Scale Output)
Hysteresis	< ±0.15% FSO
Non-Repeatability	< ±0.1% FSO
Creep (30 minutes)	< ±0.02% FSO
Zero Balance	±1.0% FSO
Input Resistance	770 ± 15 Ohms
Output Resistance	700 ± 5 Ohms
Insulation Resistance (50 VDC)	> 1000 Mega Ohms
Cable Length (4 Core Screened)	10 Meters
Safe Overload of Rated Capacity	150%
Ultimate Overload of Rated Capacity	250%
Temp. Compensated Range	0-50 °C
Temperature Effect on Output	< 0.01% FSO/ °C
Temperature Effect on Zero	< 0.01% FSO/ °C
Deflection	< 0.4 mm at FSO
Finish & Construction	Electroless Nickel Plated Tool Steel
Environmental Protection Class	Meets to IP 65

Electrical Termination**Options**

- * Compatible Instruments with Relay output, 4-20 mA or 0-2 Volt Output
- * Digital Version with RS-485 interface / USB output /Blue Tooth Telemetry / Wireless Telemetry
- * Software for Graphic, Tabulation and Reporting



Specifications are subject to change.

All dimensions are in mm.



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