

**Description**

**CE Certified** 70410 is double ended shear beam load cell ideally suited for Truck, Track, Onboard weighing and Portable Truck Weigh Pads 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.

**Features**

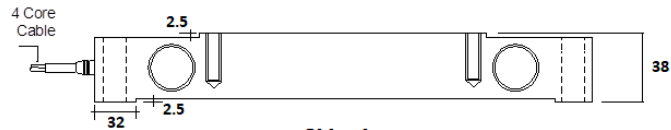
- ❖ **CE Rated** ❖ Available in capacity of 2, 5, 10Tf. Higher capacity available on request.
- ❖ Standard output 2.0mV/V
- ❖ Complete environment protection IP 65 class.
- ❖ Optional IP 68 available on request.

**Applications**

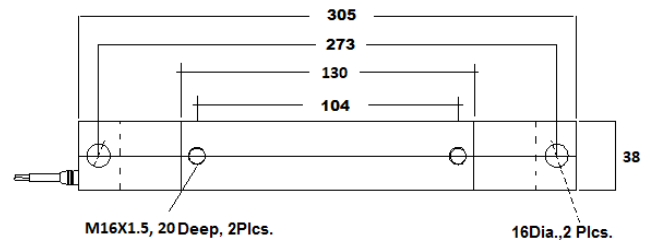
Truck Scale	Track Scale
On Board Weighing	Crane Weighing
Portable Truck Weigh Pads	

**Performance Specification**

Standard Capacity	2, 5, 10Tf
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)	5 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



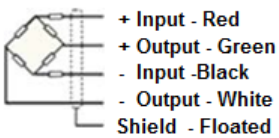
**Side view**



**Top View**

**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, Reporting & Analysis

**Specifications are subject to change without notice.**

**All dimensions are in mm.**



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