

**Description**

Model 60410-SS **CE Certified** is a strain gage based low profile bending beam load cell and is ideal for precision platform scale applications. It is designed for low eccentric sensitivity. Its SS steel construction is very rugged to withstand shock loads and is suitable for hygienic and corrosive applications.

**Features**

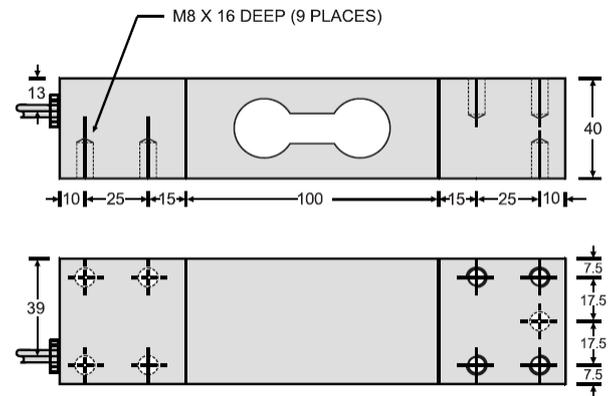
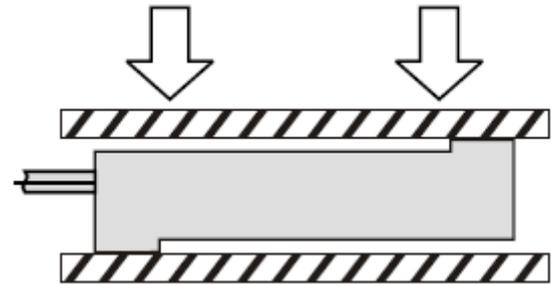
- ❖ **CE Rated** ❖ Single point capability for platform scales.
- ❖ Minimum error for off center loading.
- ❖ Supports the pan size of 750 X 750 mm.
- ❖ Low profile, compact and light weight.
- ❖ 100Kgf. To 1500Kgf. Capacities offered.
- ❖ Stain less steel construction offered for hygienic and corrosive applications.

**Applications**

- ❖ Medium size platform scales
- ❖ Bag weighing
- ❖ Hopper weighing
- ❖ Chemical and Food Industries

**Performance Specification**

Standard Capacities(Kgf.)	100, 200, 300, 500, 750, 1000, 1500
Excitation Voltage	10 VDC- Maximum 15 VDC
Nominal Output	2.0 mV/ V
Non - Linearity	< ±0.025% FSO (Full Scale Output)
Hysteresis	< ±0.02% FSO
Non-Repeatability	< ±0.01% FSO
Creep (30 minutes)	< ±0.03% FSO
Zero Balance	±1.0% FSO
Input Resistance	390 ± 15 Ohms
Output Resistance	350 ± 3 Ohms
Insulation Resistance (50 VDC)	> 1000 Mega Ohms at 50VDC
Cable Length (4 Core Screened)	3 Meters
Safe Overload of Rated Capacity	150% of Rated Capacity
Ultimate Overload of Rated Capacity	250% of Rated Capacity
Temp. Compensated Range	0-60 °C
Temperature Effect on Output	< 0.0015% FSO/ °C
Temperature Effect on Zero	< 0.0020% FSO/ °C
Platter Size	750mm x 750 mm
Eccentric Load Effect	<0.02% of FSO at 1/3 rated load placed within 375mm radius from the center of load cell
Deflection	< 0.5 mm at FSO
Tightening Torque	5 m. kg.
Finish & Construction	60410-SS-Stain less Steel
Environmental Protection Class	IP 67

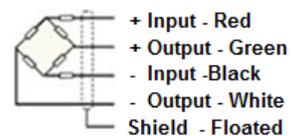


TOP VIEW

ARROW SHOWS LOAD DIRECTION FOR +VE OUTPUT



**Electrical Termination**



**Options**

- Compatible Instrument with 4-20 mA / 0-2 Volt Output
- Digital Version with RS-485 interface / USB output
- Blue Tooth Or Wireless Telemetry
- Software for Graphic, Tabulation, Reporting And Analysis

Specification are subject to change.

All dimensions are in mm.



Made in INDIA by:

**ADI ARTECH**  
**TRANSDUCERS PVT. LTD.**  
 (An ISO 9001:2015 Certified Company)

917/1, G.I.D.C. Estate, Makarpura, Vadodara - 390 010, Gujarat, INDIA

**Mobile** : +91-9374068998, 9879444551, 9054467370

**Email** : sales@adiartech.com, adiartech@adiartech.com

**Website** : www.adiartech.com