

model 60410/60410-SS **SINGLE - POINT PLATFORM LOAD CELL**



FEATURES :

- ❖ Single Point Capability for Platform Scale
- ❖ Minimum Error for Off-Centre loading
- ❖ Supports the Pan size of 750 x 750 (mm)
- ❖ Low Profile
- ❖ 100kgf. to 1500 Kgf. Capacities.
- ❖ Compact and Light Weight
- ❖ **Also available in Stainless Steel Construction - Model - 60410-SS, suitable for hygienic applications like Food, Dairy & Pharmaceutical Industries**

APPLICATIONS :

- ❖ Medium Size Platform Scales
- ❖ Bag Weighing
- ❖ Hopper Weighers



ADI ARTECH
TRANSDUCERS PVT. LTD.

A Joint venture with
ARTECH INDUSTRIES INC., U.S.A.

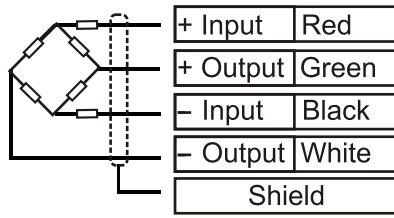
DESCRIPTION :

Model 60410/60410-SS is a Strain Gage based low profile bending beam Load Cell and is ideal for precision single point platform scale applications. It is designed for eccentric load sensitivity. Its tool steel Construction is very rugged to withstand shock loads. **It is also Provided in Hardenable Stainless Steel-17-4 PH**

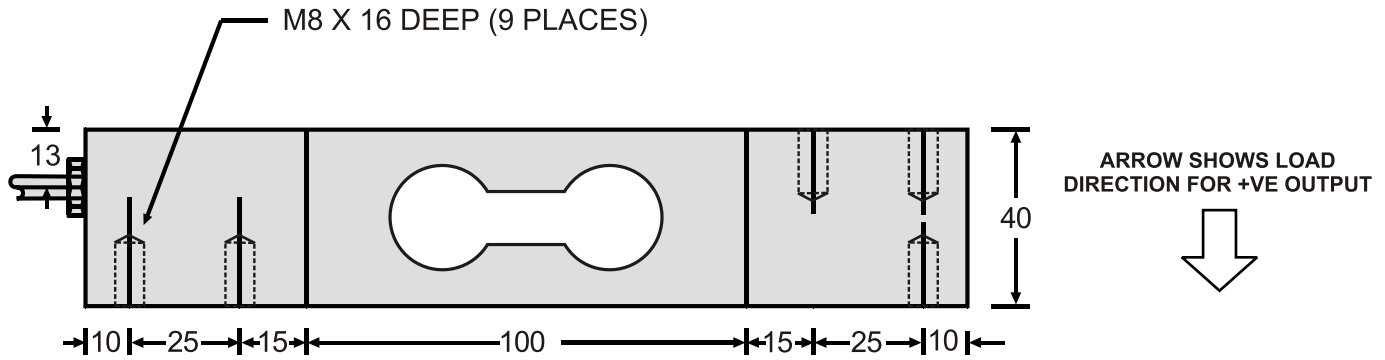
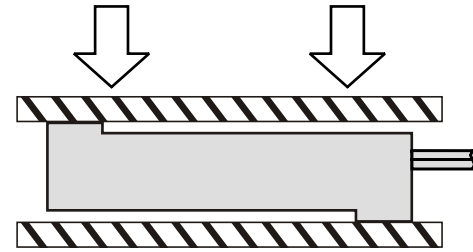
PERFORMANCE SPECIFICATION :

| | |
|---------------------------------------|---|
| Standard Capacities (Kgf.) | : 100, 150, 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 | : > 1000 Mega Ohms at 50 VDC |
| Safe Overload | : 150 % of Rated Capacity |
| Ultimate Overload | : 250 % of Rated Capacity |
| Temperature | : 0-60° C |
| Compensated Range | |
| Temperature Effect on Output | : < 0.0015 % FSO/ °C |
| Temperature Effect on Zero | : < 0.0020 % FSO/ °C |
| Platter Size | : 750 mm x 750 mm |
| Eccentric Load Effect | : < 0.02 % of FSO at 1/3 rated load placed within 375mm radius from center of Load Cell |
| Deflection | : < 0.5mm at FSO |
| Tightening Torque | : 5 m. kg. |
| Finish & Construction | : 60410 - Electroless Nickel Plated Tool Steel 60410-SS - Hardenable Stainless Steel-17-4 PH |
| Environmental Protection Class | : IP65 |

ELECTRICAL TERMINATION



4 CORE SCREENED CABLE - 3 mtrs.



TOP VIEW

All dimensions are in mm.

ORDER INFORMATION :

ADI ARTECH is dedicated in maintaining adequate inventories of its Load Cells to provide the best service in the industry.

Order by the model number and indicate the capacity required.