

Description

ADI ARTECH's Load Cell model 60310 - **CE Certified** is Strain Gage based low profile bending beam Load Cell for platform size of 600 X 600(mm). It is an economical cell for smaller size low profile platform scales. It is off center load compensated and is rugged to take shock loads.

Features

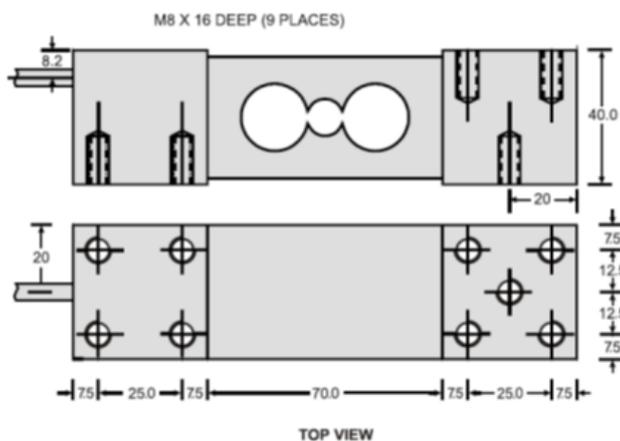
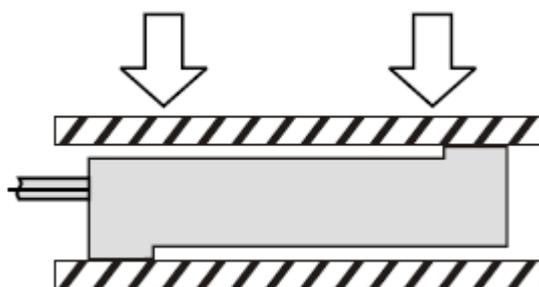
- ❖ **CE Rated** ❖ Tool Steel Construction for Harsh Applications
- ❖ Low Profile
- ❖ Single point capability
- ❖ Supports Platform Scale with size 600 X 600(mm)
- ❖ Compact, Light Weight & Economical

Applications

- ❖ Smaller Sized Economical Platform Scales
- ❖ Check Weighers
- ❖ Bag Weighers

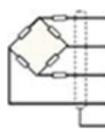
Performance Specification

Standard Capacities(Kgf.)	30, 100, 200, 300, 400
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 Meter
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	600mm x 600 mm
Eccentric Load Effect	<0.02% of FSO at 1/3 rated load placed within 300mm radius from the center of load cell
Deflection	< 0.5 mm at FSO
Tightening Torque	3 m. kg.
Finish & Construction	Electro less nickel plated tool steel
Environmental Protection Class	IP 67



Electrical Termination

Options



- + Input - Red
- + Output - Green
- Input -Black
- Output - White
- Shield - Floated

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 and Analysis

Specification are subject to change.

All dimensions are in mm.



Made in INDIA by:

ADI ARTECH
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