

**Description**

Model 60510 – **CE Certified** - is a Strain Gage based low profile bending beam Load Cell. It is ideal for Bench, Counting, Floor, Postal and Retail Scales. It is designed for low eccentric load sensitivity for platter size of 400X400mm. It is constructed from Anodized Aluminum Alloy.

**Features**

- ❖ **CE Rated** ❖ Single Point Capability with Minimum Off-center Error.
- ❖ Low Profile Bending Beam Load Cell Design.
- ❖ Support the Platform Size of 400x400 mm.
- ❖ Moisture Proof Sealing for Harsh Environment.

**Applications**

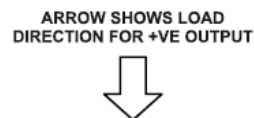
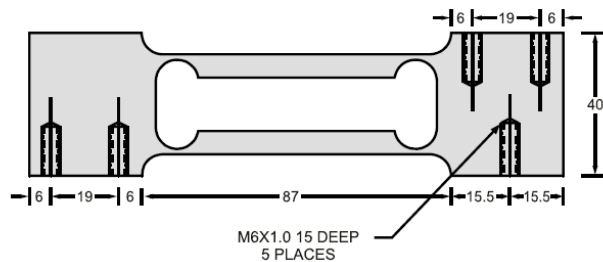
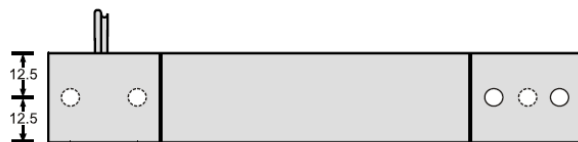
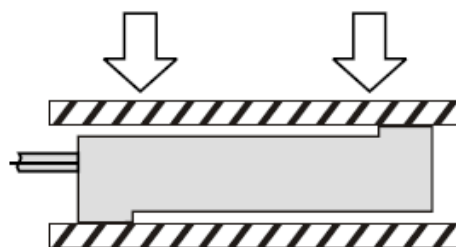
- ❖ Check Weighers.
- ❖ Begging Machines
- ❖ Bench, Counting & Postal Scales.

**Performance Specification**

Standard Capacities(Kgf.)	1.5, 3, 5, 10, 15, 20, 30, 50, 100, 120.
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	420 ± 15 Ohms
Output Resistance	350 ± 3 Ohms
Insulation Resistance (50 VDC)	> 1000 Mega Ohms at 50VDC
Cable Length (4 Core Screened)	1 Meter
Safe Overload of Rated Capacity	150% of Rated Capacity
Ultimate Overload of Rated Capacity	200% of Rated Capacity
Eccentric Load Effect	<0.02% of FSO at 1/3 rated load placed at the edge of the specified size platter
Temp. Compensated Range	0-60 °C
Temperature Effect on Output	< 0.0015% FSO/ °C
Temperature Effect on Zero	< 0.0020% FSO/ °C
Platter Size	400mm x 400 mm
Deflection	< 0.5 mm at FSO
Tightening Torque	2 m. kg.
Finish & Construction	Anodized Aluminum Alloy
Environmental Protection Class	IP 65

**Electrical Termination**

	<b>+Input</b>	Red
	<b>+Output</b>	Green
	<b>-Input</b>	Black
	<b>-Output</b>	White
	<b>Shield</b>	



\* 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

Specifications are subject to change.

All dimensions are in mm.

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