

**Description**

**CE Certified** 60710 model is an economical Load Cell meant for off-center loading applications. It is used in bench, counting and postal scales. It is strain gage based load cell constructed from aluminum alloy for better sensitivity and performance. It is compensated from 0-60°C temperature.

**Features**

- ❖ **CE Rated**
- ❖ Single Point Capability with minimum off center error
- ❖ Low Profile Design
- ❖ Economical
- ❖ Moisture Protecting sealing

**Applications**

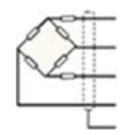
- ❖ Bench, counting and postal Scales
- ❖ Check weighers

**Performance Specification**

Standard Capacities-(Kgf.)	3, 6, 10, 15, 20, 30, 40 ,60
Excitation Voltage	10 VDC- Maximum 15 VDC
Nominal Output	2.0 m V/ V
Non - Linearity	< ±0.025% FSO (from 4% to 100% range)
Hysteresis	< ±0.02% FSO
Non-Repeatability	< ±0.01% FSO
Creep (30 minutes)	< ±0.03% FSO
Zero Balance	±1.0% FSO
Input Resistance	400 ± 20 Ohms
Output Resistance	350 ± 10 Ohms
Insulation Resistance (50 VDC)	> 1000 Mega Ohms
Cable Length (4 Core Screened)	0.5 Mtrs.
Safe Overload of Rated Capacity	150%
Ultimate Overload of Rated Capacity	250%
Platter Size	300 X 300 mm
Eccentric Load Effect	<0.025 of FSO when 1/3 rated load is placed within 150mm radius from center of load cell
Temp. Compensated Range	0-60 °C
Temperature Effect on Output	< 0.0015% FSO/ °C
Temperature Effect on Zero	< 0.0020% FSO/ °C
Deflection	< 0.4 mm at FSO
Finish & Construction	Aluminum Alloy
Tightening torque	1.5m.Kg
Environmental Protection	Meets to IP 65

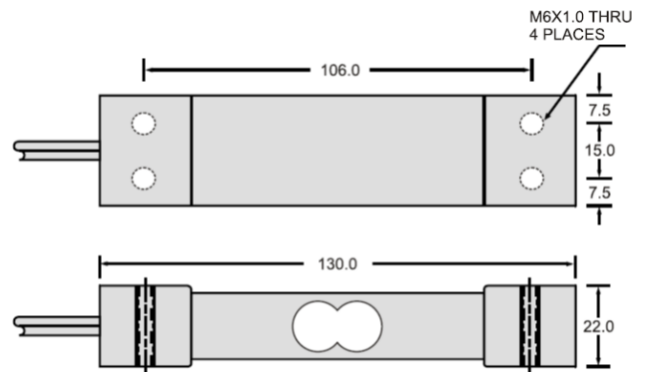
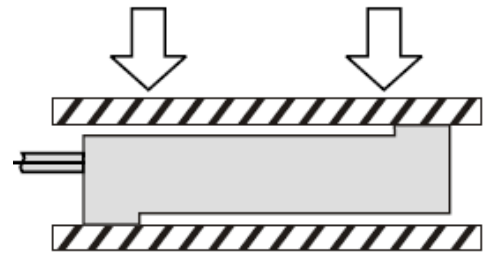
**Electrical Termination**

**Options**

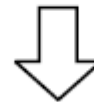


- + Input - Red
- + Output - Green
- Input -Black
- Output - White
- Shield - Floated

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



**ARROW SHOWS LOAD DIRECTION FOR +VE OUTPUT**



Specification are subject to change.

All dimensions are in mm.



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