

Description

Model 60510-D- **CE Certified** - is Smart Digital Load Cell. This is Strain Gage based low profile bending beam Load Cell and is ideal for Bench, Counting, Floor, Postal and Retail Scales. It is equipped with Fully Embedded electronics with RS485 communication capability for easy interface. It is designed for low eccentric load sensitivity. It is constructed from Anodized Aluminum Alloy.

Features

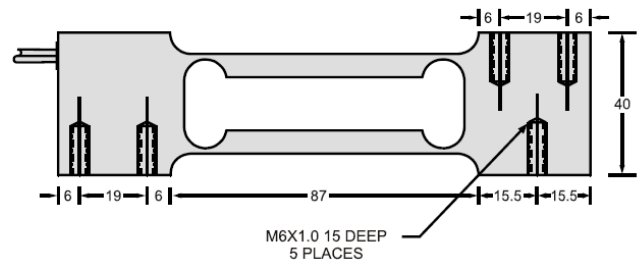
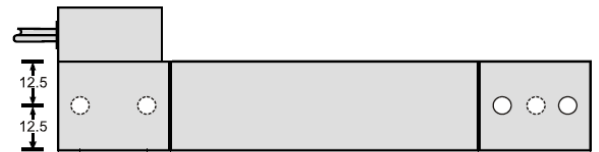
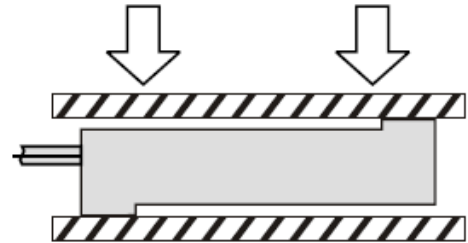
- ❖ **CE Rated** ❖ Low Profile Banding Beam Design for Single Point Capability with Minimum Off-center Error. ❖ Supports the Platform Size of 400x400 mm.
- ❖ Moisture Proof Sealing for Harsh Environment. ❖ Built-in electronics for signal processing and A D conversion. ❖ High accuracy with high noise immunity ❖ Easy replacement with no recalibration required

Applications

- ❖ Check Weighers. ❖ Begging Machines ❖ Bench, Counting & Postal Scales.
- ❖ Testing and Control systems where Load Cell is directly connected to PLC or Computer.

Performance Specification

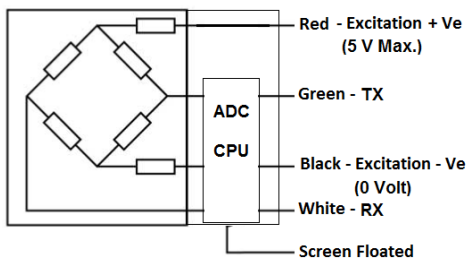
Standard Capacities(Kgf.)	1.5, 3, 5, 10, 15, 20, 30, 50, 100, 120.
Excitation Voltage	5 VDC- Maximum
Nominal Output	20000 DIV. (Internal 2,00,000)
Non - Linearity	< ±0.025% FSO (Full Scale Output)
Hysteresis	< ±0.02% FSO
Non-Repeatability	< ±0.01% FSO
Creep (30 minutes)	< ±0.03% FSO
Zero Balance	±1.0% FSO
Baud Rate	9600 BPS
Data Transmission Interface	RS 485
Cable Length (4 Core Screened)	3 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



ARROW SHOWS LOAD DIRECTION FOR +VE OUTPUT



Electrical Connections



Specifications 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