

model

60510

SINGLE - POINT TABLE TOP LOAD CELL



FEATURES :

- ❖ Single Point Capability with Minimum Off-centre Error
- ❖ Low Profile Bending Beam Load Cell Design
- ❖ Supports the Platform Size of 400 x 400 mm
- ❖ Moisture Proof Sealing for Harsh Environment

APPLICATIONS :

- ❖ Check Weighers
- ❖ Bagging Machines
- ❖ Bench, Counting & Postal Scales

DESCRIPTION :

Model 60510 is a Strain Gage based low profile bending beam Load Cell and is ideal for Bench, Counting, Floor, Postal and Retail Scales. It is designed for low eccentric load sensitivity. It is Constructed from Anodised Alluminium Alloy.

PERFORMANCE SPECIFICATION :

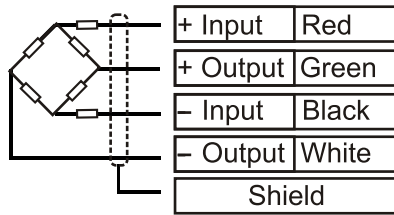
Standard Capacities (Kgf.)	: 1.5, 2, 2.5, 3, 5, 10, 15, 20, 30, 40, 50, 75, 100, 120
Excitation Voltage	: 10 VDC-Maximum 15 VDC
Nominal Output	: 2.0 mV/V
Non-Linearity	: < ±0.025% FSO (Full Scale Output)
Hysteresis	: < ±0.02% FSO
Non-Repeatability	: < ±0.01% FSO
Creep (30 minutes)	: < ±0.03% FSO
Zero Balance	: ±5.0% FSO
Input Resistance	: 420 ± 15 Ohms
Output Resistance	: 350 ± 3 Ohms
Insulation Resistance	: > 1000 Mega Ohms at 50 VDC
Safe Overload	: 150% of Rated Capacity
Ultimate Overload	: 200 % 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	: 400 mm x 400 mm
Eccentric Load Effect	: < 0.02% of FSO at 1/3 rated load placed at the edge of the specified size platter
Deflection	: < 0.5 mm at FSO
Tightening Torque	: 2 m. Kg.
Construction	: Anodised Aluminium Alloy
Environmental Protection class	: IP65



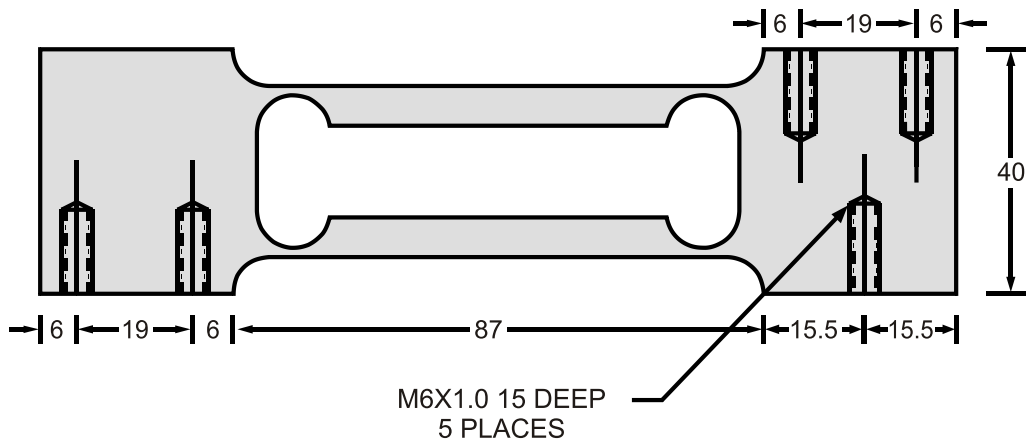
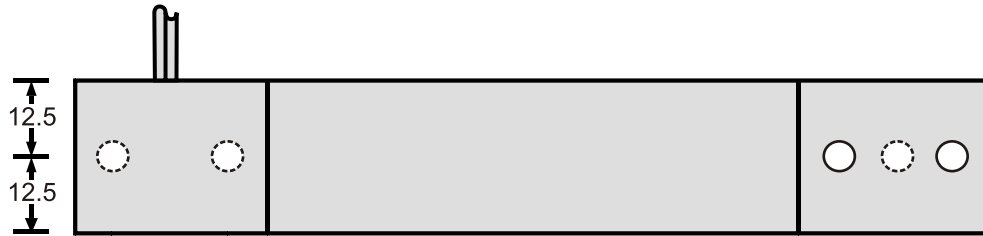
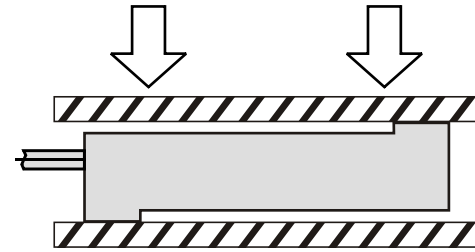
ADI ARTECH
TRANSDUCERS PVT. LTD.

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

ELECTRICAL TERMINATION



4 CORE SCREENED CABLE - 1 mtrs.



ARROW SHOWS LOAD
DIRECTION FOR +VE OUTPUT



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.

Specifications are subject to change without notice

	Manufactured by :	917/1, G.I.D.C. ESTATE, MAKARPURA, VADODARA - 390 010 (INDIA)
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	TRANSDUCERS PVT. LTD.	FAX : (91) 0265-2638751
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		Website : www.adiartech.com

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