

AST-221-M

"S" TYPE

LOAD CELL



DESCRIPTION :

AST-221-M is a compact S-beam load cell suitable for both tension and compression modes.

APPLICATIONS :

- Industrial Automation
- Universal Testing Applications
- Conversion of mechanical scale
- Tank, Bag weighing

KEY FEATURES :

- Compact design
- Universal load capability
- Alloy Tool Steel construction

SPECIFICATIONS :

Rated capacity	:	100 Kg
Excitation Voltage	:	10VDC-Maximum 15 VDC
Rated Output	:	1.7 to 2.0 mV/V
Non – Linearity	:	< ± 0.2 % FSO (Full scale Output)
Non-Repeatability	:	< ± 0.1 % FSO
Creep error (30 minutes)	:	< ± 0.03 % FSO
Zero Load Output	:	± 1.0 % FSO
Input Resistance	:	380 ± 15 Ohms
Output Resistance	:	350 ± 5 Ohms
Insulation Resistance	:	> 1000 Mega Ohms
Side Load Allowed	:	50 % of Rated Capacity
Safe Overload	:	150 % of Rated Capacity
Ultimate Overload	:	250 % of Rated Capacity
Finish & Construction	:	Electroless Nickel Plated Tool Steel



ADI CONTROLS

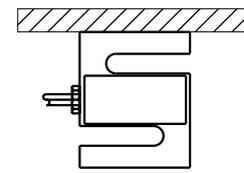
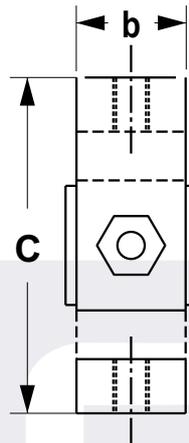
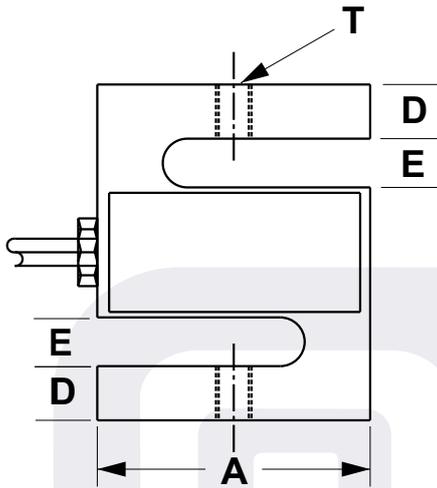
1B,1C POR INDUSTRIAL PARK
BEHIND SAHYOG HOTEL
POR 391243 DIST VADODARA (INDIA)

www.adicontrols.com

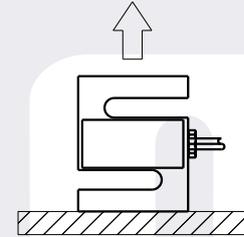
Email : sales@adicontrols.com

Customer Care : +91 9328579990

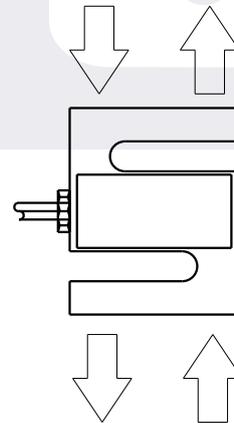
Loading Direction



Hanging

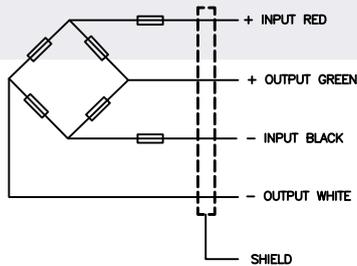


Floor Mounting



**Tension or
Compression Load**

Electrical Termination



CAPACITY	A	b	C	D	E	THREAD T	CABLE Length
100 Kgf	43	10	53	10	8	M8 x 1.00	1 Ft



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