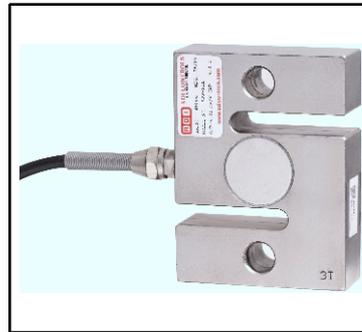


ASS-231

"S" TYPE BEAM LOAD CELL



DESCRIPTION :

ASS-231 is a ultra high accuracy S-beam load cell suitable for both tension and compression modes.

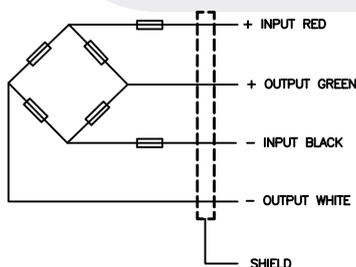
APPLICATIONS :

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

KEY FEATURES :

- Universal load capability
- Alloy Tool Steel construction
- Wide capacity range
- Highly precise

Electrical Termination



SPECIFICATIONS :

Rated capacity (Tonf)	:	1.5, 2, 3, 5, 7.5, 10, 15, 20
Excitation Voltage	:	10VDC-Maximum 15 VDC
Rated Output	:	3.0 mV/V
Non – Linearity	:	< ± 0.025 % FSO (Full scale Output)
Hysteresis	:	< ± 0.02 % FSO
Non-Repeatability	:	< ± 0.01 % FSO
Creep error (30 minutes)	:	< ± 0.03 % FSO
Zero Load Output	:	± 1.0 % FSO
Input Resistance	:	390 ± 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
Temperature	:	0 to 60° C
Compensated Range	:	
Temperature Effect on Output	:	< 0.0015 % FSO/° C
Temperature Effect on Zero	:	< 0.002 % FSO/° C
Deflection	:	< 0.5 mm at FSO
Finish & Construction	:	Electroless Nickel Plated Tool Steel
Environment Protection	:	IP 67

CAPACITY	A	B	C	D	E (Dia)	F	CABLE Mtrs
1.5, 2, 3	75	27	100	27	13	75	5
5, 7.5	90	32	140	32	20	100	5
10	115	45	200	40	30	140	5
15, 20	150	65	250	60	46	175	5



ADI CONTROLS

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