

'S' Beam Load Cell



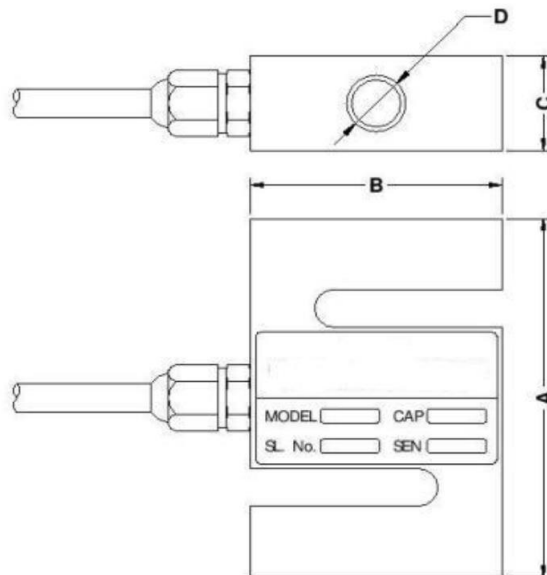
SPECIAL FEATURES

- Good Linearity
- Good Repeatability
- Easy to Install
- Temp Compensated
- Wide Range
- Good Reliability

SPECIFICATION

Model	LSZ – 21, LSZ – 51, LSZ – 12, LSZ – 22, LSZ – 32, LSZ – 52, LSZ – 751
Rated Load Capacity	20, 50, 100, 200, 300, 500 & 750 kgs
Rated Output Sensitivity	2mV/V $\pm$ 0.3%
Input Resistance	350 $\pm$ 10 Ohms
Output resistance	350 $\pm$ 5 Ohms
Excitation Voltage	10 to 15 Volts DC/AC (RMS)
Non Linearity	$\pm$ 0.025% of Rated Output
Hysteresis	$\pm$ 0.025% of Rated Output
Creep	0.1% of Rated Output
Non Repeatability	$\pm$ 0.05% of Rated Output
Zero Balance	2% of Rated Output
Operatable Temperature Range	-20°C to 65°C
Compensated temperature Range	0°C to 55°C
Temperature Effect on Zero	0.005% of Rated Output/°C
Temperature Effect on Output	0.005% of rated Output /°C
Over load rating, Safe	150% of Rated Capacity
Power load rating (Ultimate)	200% of Rated Capacity



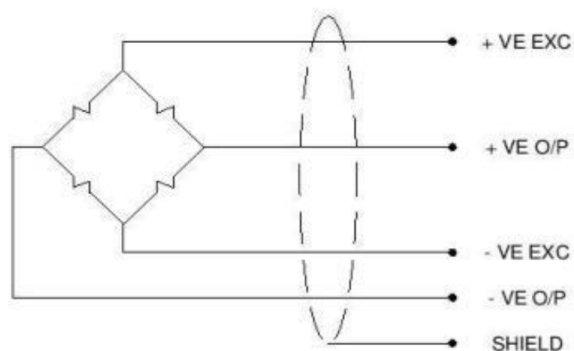


Model	Capacity	A	B	C	D
LSZ	20kg	76.0	54.0	13.0	M 8 X 1.25 P
LSZ	50 to 750 kg	76.0	54.0	18.0	M 10 X 1.50 P

Connection Details

Input	Output
RED (+ve)	GREEN (-ve)
BLACK (-ve)	WHITE (+ve)

Electrical Information



*Specification subject to change without notice



Synapsis Techno Instruments

409/B-Wing, Kemp's Plaza, Chincholi Bunder, Malad (W), Mumbai, India, Pin - 400 064

Contact : +91 22 400 30 704 /06 Email : admin@synapsistechno.in,

www.synapsistechno.in