

'S' Beam Load Cell

ECONOMY MODEL LOAD CELL

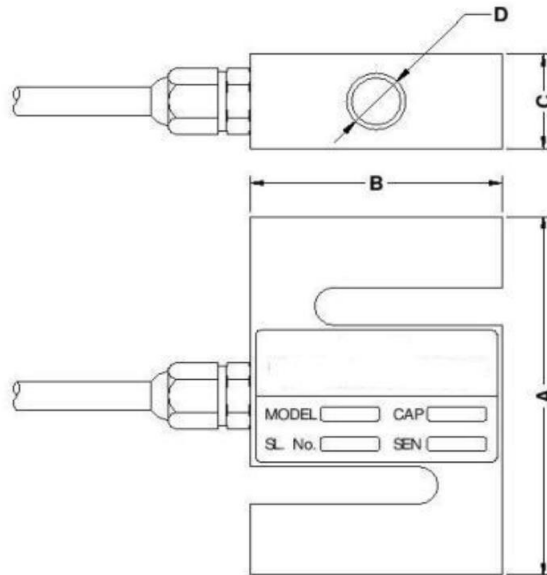


SPECIAL FEATURES

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

SPECIFICATION

Model	LZYB, LSYC
Rated Load Capacity	50, 100, 200, 300, 500, 1000, 2000, 3000, 5000 kgs
Rated Output Sensitivity	2mV/V $\pm$ 0.25%
Input Resistance	400 $\pm$ 25 Ohms
Output resistance	350 $\pm$ 3 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	0.025% 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
Storage temperature Range	-50°C to 85°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
Protection Class	IP66

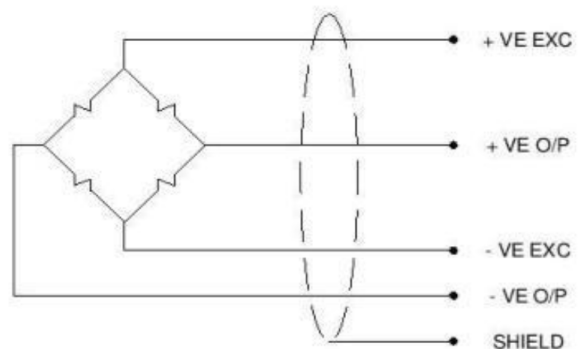


Model	Capacity	A	B	C	D
LZYB	50 to 200 kg	76	51	19	M 12 X 1.75 P
LZYB	300 to 2000 kg	76	51	28	M 12 X 1.75 P
LZYC	2000 to 5000 kg	108	76	25	M 18 X 1.50 P

Connection Details

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

Electrical Information



*Specification subject to change without notice



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