

# EPOCH

## 'S' BEAM LOAD CELL (ECONOMY MODEL LOAD CELL)

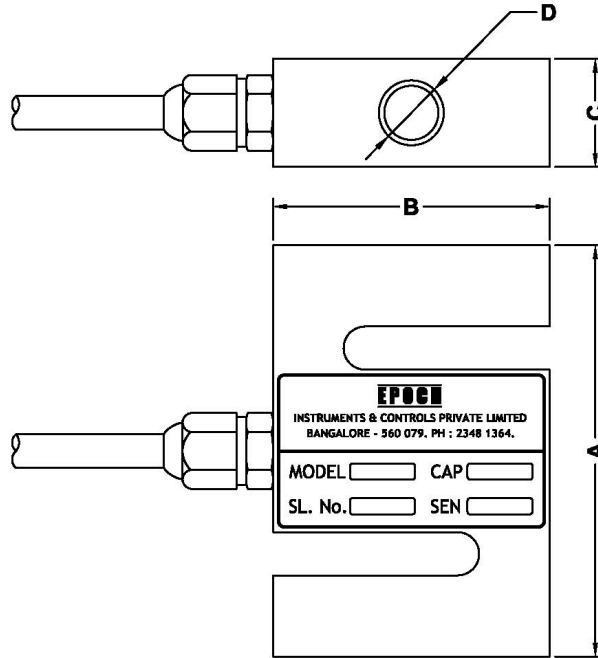
### SPECIAL FEATURES

- ✎ *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	:	2 mV/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.
Over Load Rating (Ultimate)	:	200 % of Rated Capacity.
Protection Class	:	IP66.

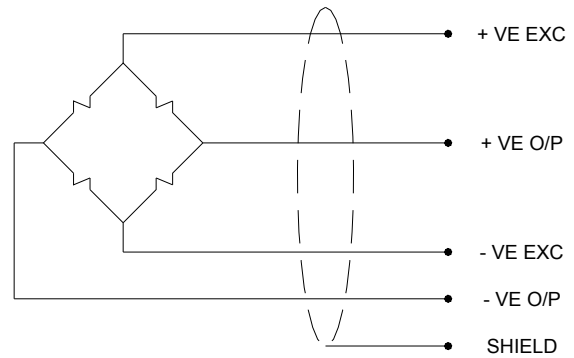
MODEL	CAPACITY	A	B	C	D
LZYB	50 to 200 Kg	76	51	19	M 12 X 1.75 P
LZYB	300 to 2000 Kg	76	51	28	M 12 X 1.75 P
LSYC	2000 to 5000 Kg	108	76	25	M 18 X 1.50 P



### CONNECTION DETAILS

INPUT	OUTPUT
RED + VE	GREEN + VE
BLACK - VE	WHITE - VE

### ELECTRICAL INFORMATION



Please Communicate to :

# **EPOCH**

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