

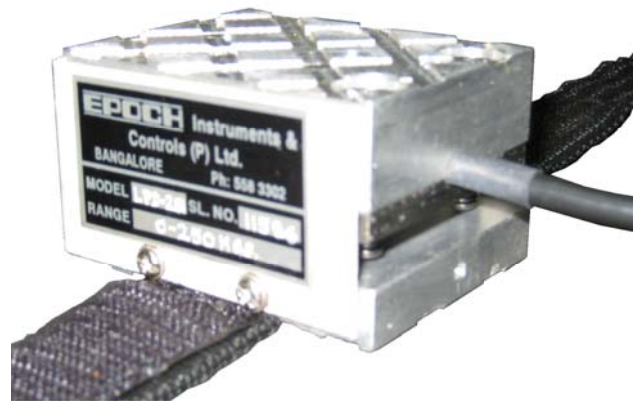
# **EPOCH**

INSTRUMENTS & CONTROLS PRIVATE LIMITED

## PEDAL FORCE LOAD CELL

### SPECIAL FEATURES

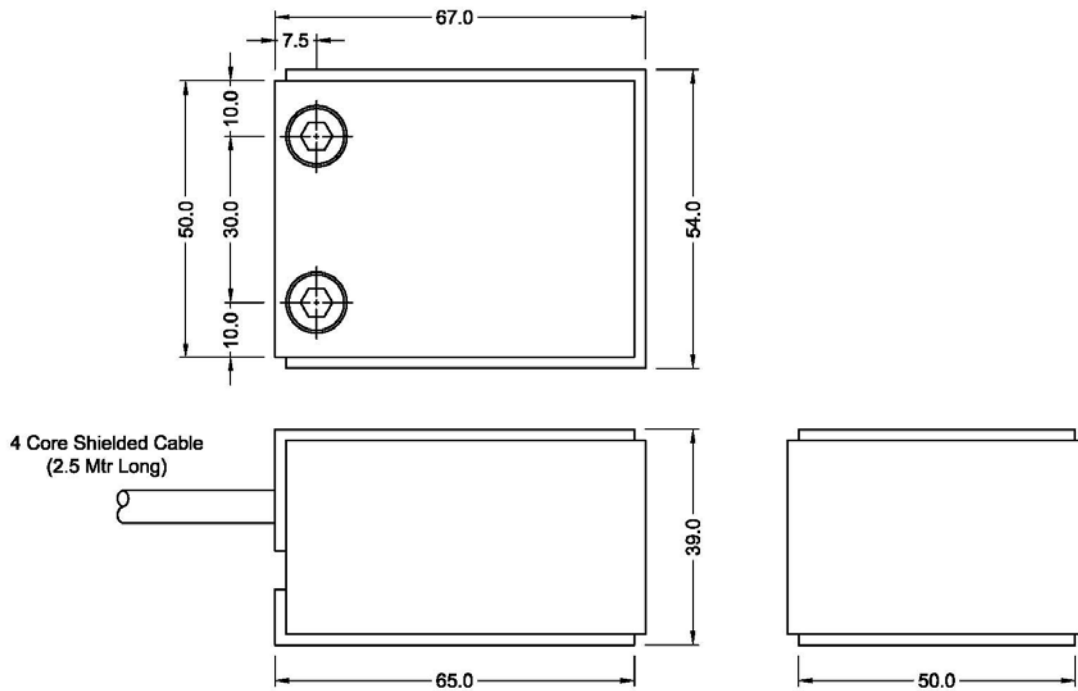
- ✘ *Strap on Fixing*
- ✘ *Good Reliability*
- ✘ *Temperature Compensated*



### SPECIFICATION

|                              |   |                               |
|------------------------------|---|-------------------------------|
| Model                        | : | LPD - 251.                    |
| Rated Load Capacity          | : | 250 Kgs.                      |
| Rated Output Sensitivity     | : | 1 mV/V $\pm$ 0.25 %.          |
| Input Resistance             | : | 350 $\pm$ 10 Ohms.            |
| Output Resistance            | : | 350 $\pm$ 3 Ohms.             |
| Excitation Voltage           | : | 5 Volts DC.                   |
| Non Linearity                | : | $\pm$ 0.50 % of Rated Output. |
| Hysteresis                   | : | $\pm$ 0.50 % of Rated Output. |
| Non Repeatability            | : | $\pm$ 0.10 % of Rated Output. |
| Zero Balance                 | : | 2 % of Rated Output.          |
| Operatable Temperature Range | : | 0°C to 65° C.                 |
| Storage Temperature Range    | : | - 20° C to 85° C.             |
| Temperature Effect on Zero   | : | 0.005 % of Rated Output/°C.   |
| Temperature Effect on Output | : | 0.010 % of Rated Output/°C.   |
| Over Load Rating, Safe       | : | 150 % of Rated Capacity.      |
| Over Load Rating (Ultimate)  | : | 200 % of Rated Capacity.      |

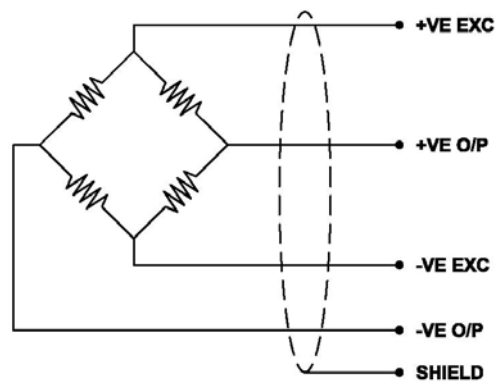
**Dimensions :**



**CONNECTION DETAILS**

| COLOUR | CONNECTION      |
|--------|-----------------|
| RED    | + VE EXCITATION |
| WHITE  | + VE OUTPUT     |
| BLACK  | - VE EXCITATION |
| GREEN  | - VE OUTPUT     |
| BROWN  | SHIELD          |

**ELECTRICAL INFORMATION**



*Please Communicate to :*

**EPOCH**

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