



# Automation

**Model : ABL 309**

## L-TYPE LOAD CELL



### Features :

- \* Alloy steel construction
- \* Glue sealing and welding to IP67 & IP68
- \* Easy to install and use for both tensile and compression application

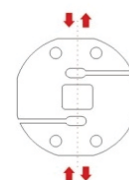
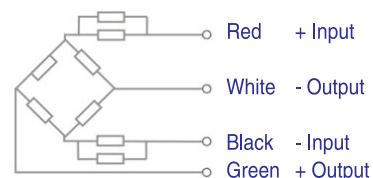
### Applications :

Suitable for Hanging scale, vibratory feeding equipment, tension testing machine, tank weighing, hopper weighing etc.

### Parameters :

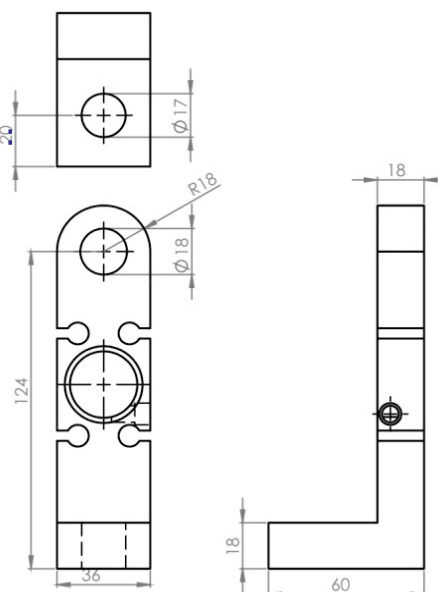
|                   |                                               |                       |                    |
|-------------------|-----------------------------------------------|-----------------------|--------------------|
| Rated Load        | 1.5t                                          | Insulation resistance | > 5000 MΩ (50 VDC) |
| Sensitivity       | $2 \pm 0.005m \text{ V/V}$                    | Operating Temp Range  | -30 ~+70°C         |
| Total error       | $\pm 0.5\% \text{ F.S.}$                      | Safe Load limit       | 150%F.S.           |
| Creep (30 min)    | $\pm 0.05\% \text{ F.S.}$                     | Over Load limit       | 200%F.S.           |
| Zero Balance      | $\pm 1\% \text{ F.S.}$                        | Recommended Voltage   | 5~12V DC           |
| TCO               | $\pm 0.05\% \text{ F.S. /10 } ^\circ\text{C}$ | Excitation Voltage    | 5-15 VDC           |
| TC SPAN           | $\pm 0.005\% \text{ F.S./100C}$               | Protection Class      | IP67               |
| Input resistance  | $400 \pm 10$                                  | Construction          | Alloy Steel        |
| Output resistance | $352 \pm 2$                                   | Cable                 | Length:3m, D: 6mm  |

### Wiring Schematic Diagram :



### Load Diagram :

### Dimensions:



**IP67**

