

# LOAD CELL L6E



- L6E load cells are available in the capacities 50kg to 300kg.
- Aluminum construction, silicone adhesive sealed, surface anodized and anti-corrosion.
- Integral structure and easy installation.
- They are suitable for pricing scale, platform scale and other electronic weighing devices.

### Important Features

- Capacities: 50kg~300kg.
- High accuracy.
- Aluminum parallel beam construction.
- Max. platform size: 400×400mm.
- Integral installation.
- With OIML approval: (PTB: D09-03.21).

## Specifications

Capacity	kg	50/60/80/100/150/200/300		
Output sensitivity	mv/v	2.0±0.2		
Accuracy class		C3D	C3	C3G
Maximum number of verification intervals		2500	3000	4000
Minimum load cell verification interval	g	E <sub>max</sub> /5000	E <sub>max</sub> /7000	E <sub>max</sub> /11000
Temperature effect on zero	%FS/10°C	0.0280	0.0200	0.0127
Temperature effect on sensitivity	+20°C~+40°C	0.0210	0.0175	0.0131
	-10°C~+20°C	0.0140	0.0117	0.0088
Combined error	%FS	0.0300	0.0200	0.0150
Creep	%FS	0.0200	0.0167	0.0125
Input resistance	Ω	406±6		
Output resistance	Ω	350±3		
Insulation resistance	MΩ	≥5000		
Zero balance	%FS	2		
Temperature, compensated	°C	-10 ~ +40		
Temperature, operating	°C	-20 ~ +50		
Excitation, Recommended	V	5-15		
Safe overload	%FS	150		
Ultimate overload	%FS	300		

**Outline Dimension mm (inch)**

Input(+): Red

Output(-): White

Input(-): Black

Output(+): Green

Shield

• Dimensions and specifications are subject to change without notice.

**Wiring:**

- Adopt a shielded, 4 conductor cable, and cable jacket is PVC.
- Cable length: 2±0.1m.
- Cable diameter: 5±0.2mm.