

# L6E



- Aluminium-Alloy IP65 single point load cell.
- Colourless anodized
- Suitable for pricing scales, bench scales, etc.
- Maximum platform size: 400 x 400mm



Certificate no. 11-062

test certificate no. TC7838 Revision 0  
C of C no R60/2000-NL1-10.22

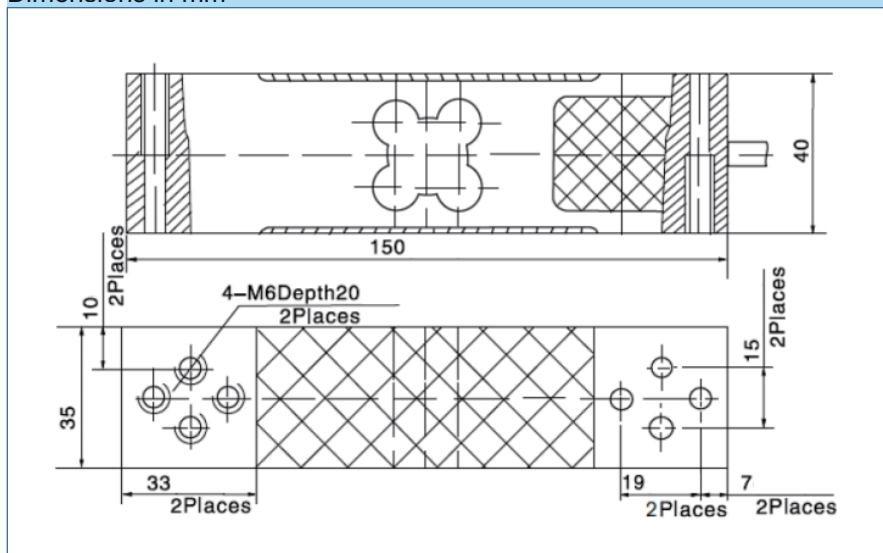
### Available models

Capacity	Accuracy	Full article description
50 kg	C3/C4/C5	L6E-C3/C4/C5-50kg-2B
60 kg	C3/C4/C5	L6E-C3/C4/C5-60kg-2B
80 kg	C3/C4/C5	L6E-C3/C4/C5-80kg-2B
100 kg	C3/C4/C5	L6E-C3/C4/C5-100kg-2B
150 kg	C3/C4/C5	L6E-C3/C4/C5-150kg-2B
200 kg	C3/C4/C5	L6E-C3/C4/C5-200kg-2B
300 kg	C3/C4/C5	L6E-C3/C4/C5-300kg-2B

### Specification

Accuracy class		OIML R60 C3		OIML R60 C4		OIML R60 C5	
		50, 60, 80,100,	150, 200,300	50, 60, 80,100,	150, 200,300	50, 60, 80,100,	150, 200,300
Output sensitivity ( = FS )	mV/V	2.0 ± 0.2					
Maximum capacity ( E <sub>max</sub> )	kg						
Maximum number of load cell intervals ( nLC )		3000		4000		5000	
Ratio of minimum LC verification interval Y = E <sub>max</sub> / v <sub>min</sub>		10000		15000		20000	
Combined error	%FS	± 0.02		± 0.015		± 0.01	
Minimum dead load	of E <sub>max</sub>	0%					
Safe overload	of E <sub>max</sub>	120 %					
Ultimate overload	of E <sub>max</sub>	150 %					
Zero balance	%FS	< ± 2.0					
Excitation, recommended voltage	V	5 ~ 12( DC )					
Excitation maximum	V	18					
Input resistance	Ω	406 ± 6					
Output resistance	Ω	350 ± 3					
Insulation resistance	MΩ	≥ 5000 ( 50VDC )					
Compensated temperature	°C	-10 ~+40					
Operating temperature	°C	-35 ~ +65					
Storage temperature	°C	-40 ~ +70					
Element material		Aluminium					
Recommended torque on fixation	N.m	M6:10					
Ingress protection (according to EN 60529)		IP65					

### Dimensions in mm



### Wiring

Input(+) Red  
Output(-) White  
Input(-) Black  
Output(+) Green  
Transparent: Shield

- Shielded, 4 conductor cable.
- Cable diameter: Φ5.3mm.
- Standard cable length: 2m.
- Shield not connected to element.
- Cable jacket in PVC.