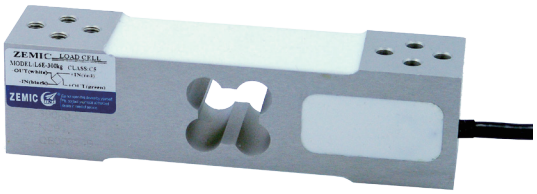
L6E



- 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

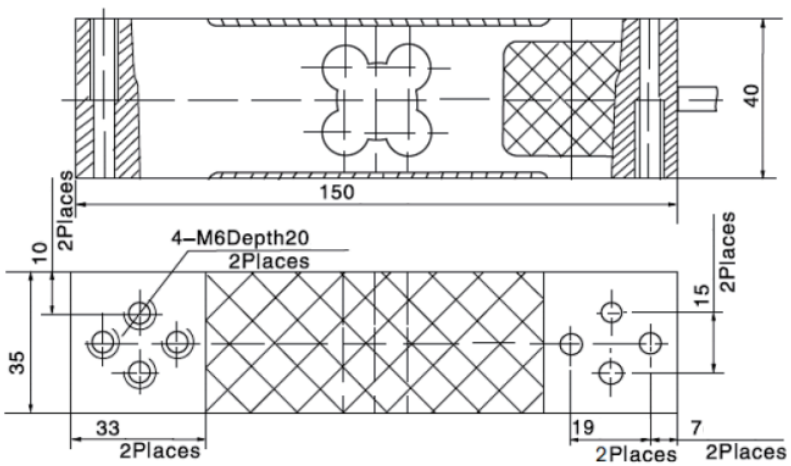
Available models

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

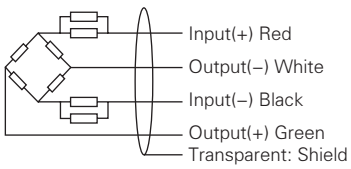
Specification

Accuracy class		OIML R60 C3		OIML R60 C4		OIML R60 C5	
Output sensitivity (= FS)	mV/V	2.0 ± 0.2					
Maximum capacity (Emax)	kg	50/60/80/100	150/200/300	50/60/80/100	150/200/300	50/60/80/100	150/200/300
Maximum number of load cell intervals (nLC)		3000		4000		5000	
Ratio of minimum LC verification interval Y = Emax / vmin		10000		15000		20000	
Combined error	%FS	± 0.02		± 0.015		± 0.01	
Minimum dead load	%FS	0%					
Safe overload	%FS	120 %					
Ultimate overload	%FS	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	℃	–10 ~+40					
Operating temperature	℃	–35 ~ +65					
Storage temperature	℃	–40 ~ +70					
Element material		Aluminium					
Recommended torque on fixation	N.m	M6:10					
Ingress protection (according to EN 60529)		IP65					

Dimensions in mm



Wiring



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