

L6E



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



Certificate no. 11-062

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

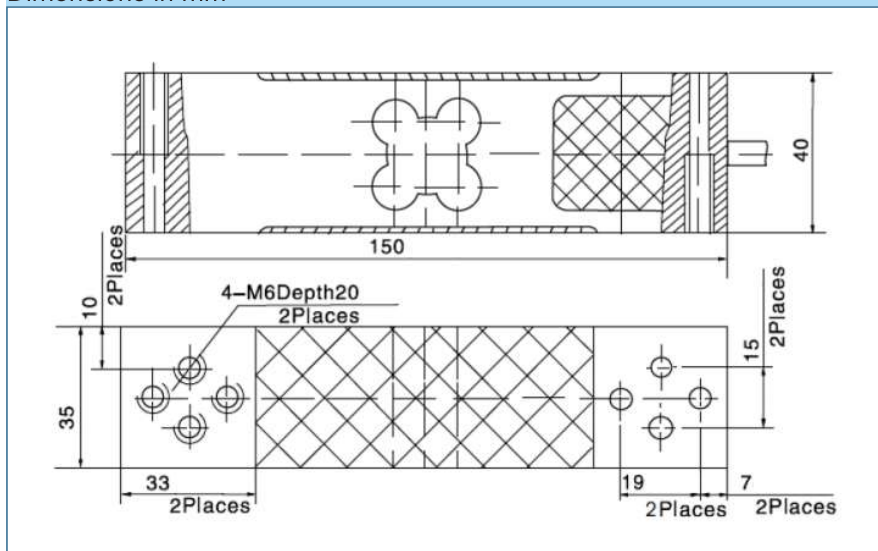
Available models

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

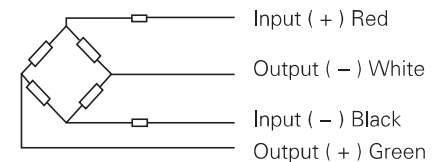
Specification

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 (Emax)	kg						
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	of Emax	0%					
Safe overload	of Emax	120 %					
Ultimate overload	of Emax	150 %					
Zero balance	%FS	< ± 2.0					
Excitation, recommended voltage	V	5 ~ 12(DC)					
Excitation maximum	V	18					
Terminal resistance, input	Ω	406 ± 6					
Terminal resistance, output	Ω	350 ± 3					
Insulation impedance	MΩ	≥ 5000 (at 50VDC)					
Temperature range, compensated	°C	-10 ~ +40					
Temperature range, operating	°C	-35 ~ +65					
Storage temperature	°C	-40 ~ +70					
Element material		Aluminium					
Recommended torque on fixation bolts	N.m	M6:10					
Ingress Protection (according to EN 60529)		IP65					

Dimensions in mm



Wiring



- Shielded, 4 conductor cable.
- Cable diameter: Φ 5.3mm.
- Standard cable length: 2m.
- Shield not connected to element.
- Cable jacket in PVC.