

L6D15



test certificate no. D09-09.13

- Aluminium-Alloy IP65 single point load cell
- Colourless anodized
- Suitable for single or double load cell structured platform scales
- Recommended platform size: 250 x 350 mm

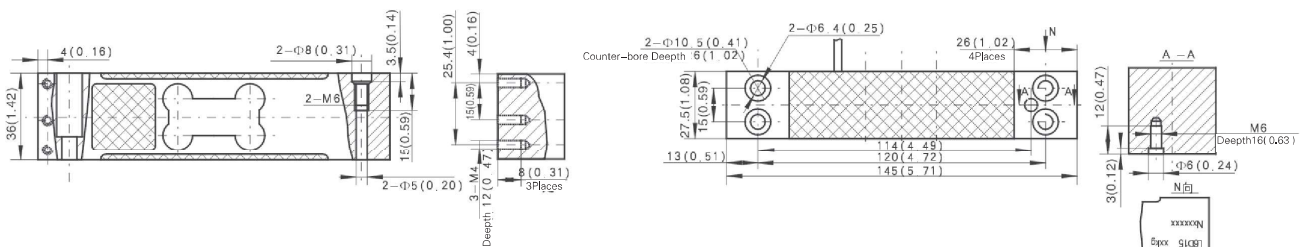
Available models

Capacity	Accuracy	Full article description
6 kg	C3 / C4 / C5	L6D15-C3 / C4 / C5-6kg-0.085B
9 kg	C3 / C4 / C5	L6D15-C3 / C4 / C5-9kg-0.085B
12 kg	C3 / C4 / C5	L6D15-C3 / C4 / C5-12kg-0.085B
15 kg	C3 / C4 / C5	L6D15-C3 / C4 / C5-15kg-0.085B
18 kg	C3 / C4 / C5	L6D15-C3 / C4 / C5-18kg-0.085B
30 kg	C3 / C4 / C5	L6D15-C3 / C4 / C5-30kg-0.085B

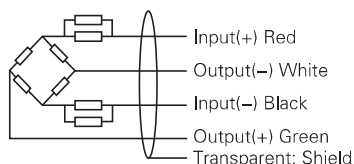
Specification

Accuracy class		OIML R60 C3	OIML R60 C5	C4
Output sensitivity (= FS)	mV/V	2.0 ± 0.2		
Maximum capacity (Emax)	kg	6, 9, 12, 15, 18, 30		
Maximum number of load cell intervals (nLC)		3000	5000	4000
Ratio of minimum LC verification interval Y = Emax / vmin		10000	20000	15000
Combined error	%FS	± 0.02	± 0.01	± 0.015
Minimum dead load	Of Emax	0%		
Safe overload	of Emax	150 %		
Ultimate overload	of Emax	300 %		
Zero balance	%FS	± 2		
Excitation, recommended voltage	V	5 ~ 12(DC)		
Excitation maximum	V	18(DC)		
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	6		
Ingress Protection (according to EN 60529)		IP65		

Outline Dimension mm(inch)



Wiring



- Shielded, 4 conductor cable.
- Cable diameter: Φ 3.8mm.
- Standard cable length: 0.085m.
- Shield not connected to element.
- Cable jacket in PVC.