

RoHS



Capacity	Accuracy	Part-Number
50 kg	C3 & C4	L6D8-Cx-50kg-1.6B
75 kg	C3 & C4	L6D8-Cx-75kg-1.6B
100 kg	C3 & C4	L6D8-Cx-100kg-1.6B
150 kg	C3 & C4	L6D8-Cx-150kg-1.6B
200 kg	C3 & C4	L6D8-Cx-200kg-1.6B

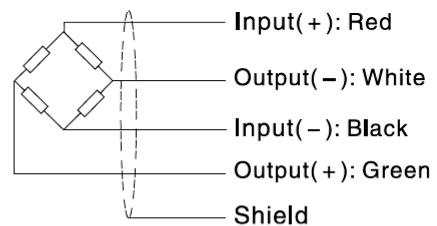
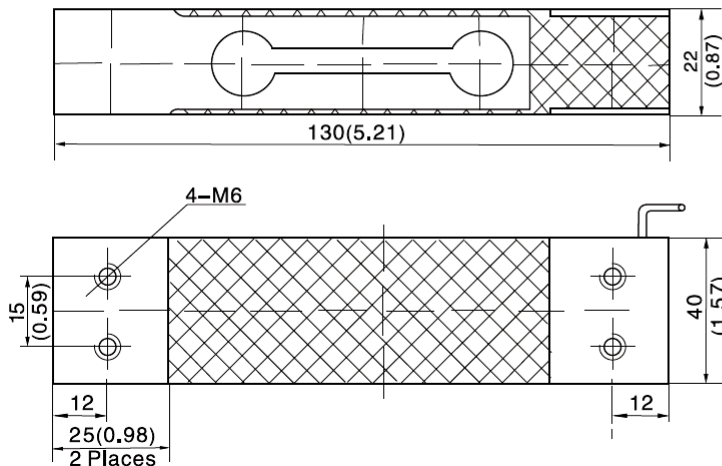
- Aluminium-Alloy IP65 single point load cell.
- Colourless anodized
- Suitable for pricing scales, bench scales, etc.
- Maximum platform size: 350 x 350 mm



## Specification:

Accuracy class		OIML R60 C3	OIML R60 C4
		Output sensitivity (= FS)	mV/V
Maximum capacity (E <sub>max</sub> )	kg	50, 75, 100, 150, 200	
Maximum number of load cell intervals (n <sub>LC</sub> )		3000	4000
Ratio of minimum LC verification interval Y = E <sub>max</sub> / V <sub>min</sub>		10000	16000
Minimum Dead Load Output Return (Z = ½ * E <sub>max</sub> / DR)		6000	
Combined Error	%FS	≤ ± 0.0230	
Minimum dead load	kg	0	
Safe overload	of E <sub>max</sub>	150 %	
Ultimate overload	of E <sub>max</sub>	300 %	
Zero balance	of FS	< ± 1.0 %	
Excitation, recommended voltage	V	5 ~ 12	
Excitation maximum	V	18	
Terminal resistance, input	Ω	409 ± 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	
Element material		Aluminium	
Recommended torque on fixation bolts	Nm	10	
Ingress Protection (according to EN 60529)		IP65	

## Outline Dimensions in mm



- Dimensions and specifications are subject to change without notice.
- Installed screw request M6, 8.8 class, screw rinsed with oil, torque 10Nm.

### Wiring:

- Adopt a shielded, 4 conductor cable, and cable jacket is PVC.
- Cable length: 1.6m ± 0.05m.
- Cable diameter: 3.8 ± 0.2mm.
- Shield not connected to element.