

RoHS



Capacity	Accuracy	Part-Number
50 kg	C3	L6E3-C3-50kg-3G
100 kg	C3	L6E3-C3-100kg-3G
150 kg	C3	L6E3-C3-150kg-3G
200 kg	C3	L6E3-C3-200kg-3G
250 kg	C3	L6E3-C3-250kg-3G
300 kg	C3	L6E3-C3-300kg-3G
400 kg	C3	L6E3-C3D-400kg-3G
500 kg	C3	L6E3-C3D-500kg-3G

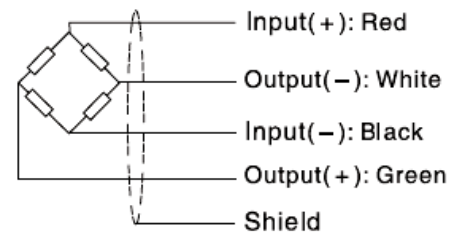
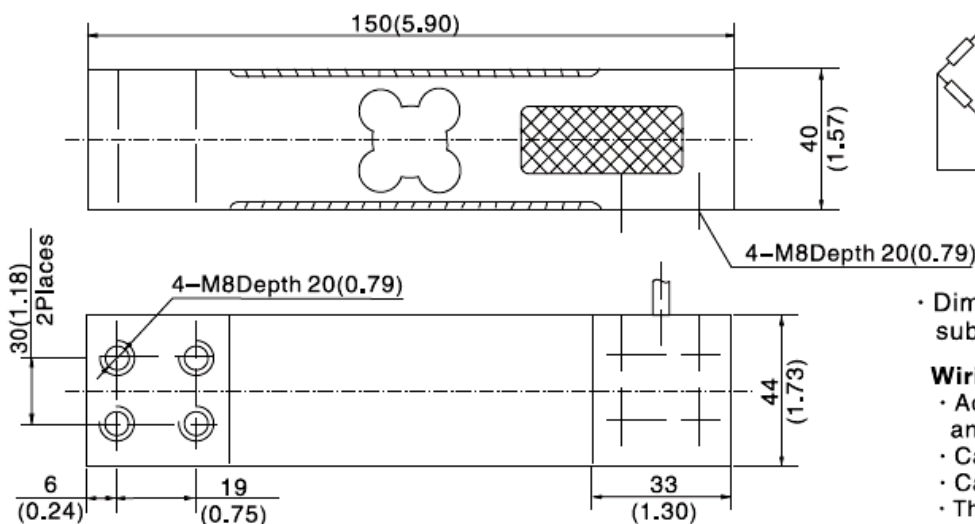
- Aluminium-alloy IP65 single point load cell.
- Colourless anodized
- Suitable for pricing scales, bench scales, etc
- Recommended platform size: 450 x 450 mm



Specification:

		OIML R60 C3	
		50, 100, 150, 200, 250	300, 400, 500
Accuracy class		2.0 ± 0.2	
Output sensitivity (= FS)	mV/V	2.0 ± 0.2	
Maximum capacity (E _{max})	kg	50, 100, 150, 200, 250	300, 400, 500
Maximum number of load cell intervals (n _{LC})		3000	
Ratio of minimum LC verification interval Y = E _{max} / v _{min}		7000	10000, 15000
Combined Error	%FS	± 0.0200	
Minimum dead load	kg	0	
Safe overload	of E _{max}	150 %	
Ultimate overload	of E _{max}	300 %	
Zero balance	of FS	< ± 2.0 %	
Excitation, recommended voltage	V	5 ~ 12	
Excitation maximum	V	18	
Terminal resistance, input	Ω	406 ± 6	
Terminal resistance, output	Ω	350 ± 3.5	
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	20	
Ingress Protection (according to EN 60529)		IP65	

Outline Dimensions in mm



- Dimensions and specifications are subject to change without notice.

Wiring:

- Adopt a shielded, 4 conductor cable, and cable jacket is PVC.
- Cable length: 3 ± 0.1m.
- Cable diameter: 5.3 ± 0.2mm.
- The shield is connected to the element.

Nr. 2009.12 L6E3 Rev1