

RoHS



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

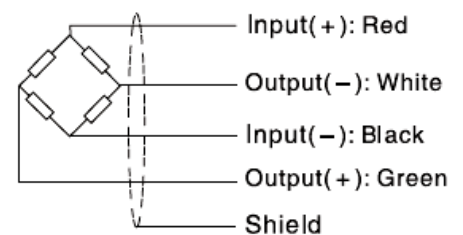
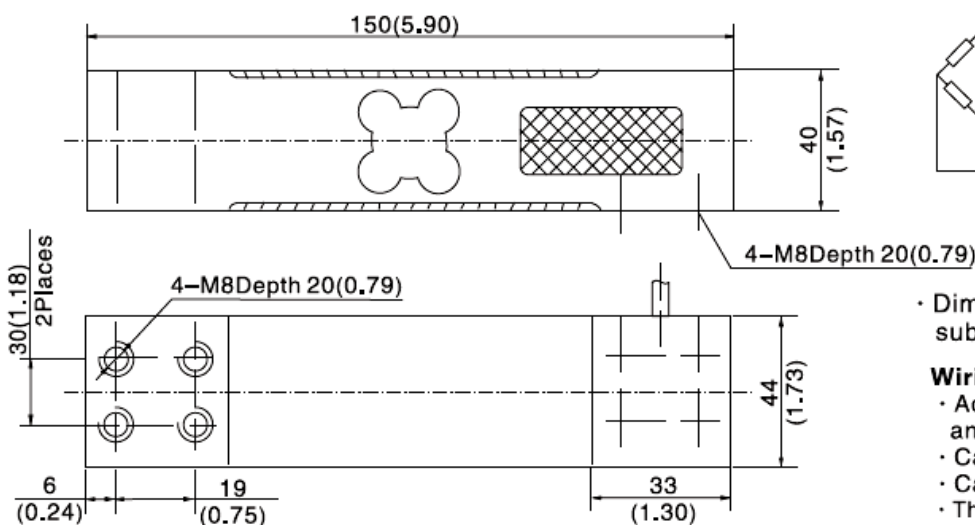


Capacity	Accuracy	Part-Number
50 kg	C3/C4	L6E3-Cx-50kg-3G
100 kg	C3/C4	L6E3-Cx-100kg-3G
150 kg	C3/C4	L6E3-Cx-150kg-3G
200 kg	C3/C4	L6E3-Cx-200kg-3G
250 kg	C3/C4	L6E3-Cx-250kg-3G
300 kg	C3/C4/C5	L6E3-Cx-300kg-3G
400 kg	C3/C4/C5	L6E3-Cx-400kg-3G
500 kg	C3/C4/C5	L6E3-Cx-500kg-3G

## Specification:

		OIML R60 C3	OIML R60 C4	OIML R60 C5
Accuracy class				
Output sensitivity ( = FS )	mV/V		2.0 ± 0.2	
Maximum capacity ( E <sub>max</sub> )	kg	50, 100, 150, 200, 250, 300, 400, 500		300, 400, 500
Maximum number of load cell intervals ( n <sub>LC</sub> )		3000	4000	5000
Ratio of minimum LC verification interval Y = E <sub>max</sub> / V <sub>min</sub>		10000	15000	20000
Ratio of minimum dead load output return Z = E <sub>max</sub> /2*DR		3000	6000	7500
Combined Error	%FS	≤ ± 0.0200	≤ ± 0.0175	≤ ± 0.0140
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		≤ ± 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 (Inch)



• 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.