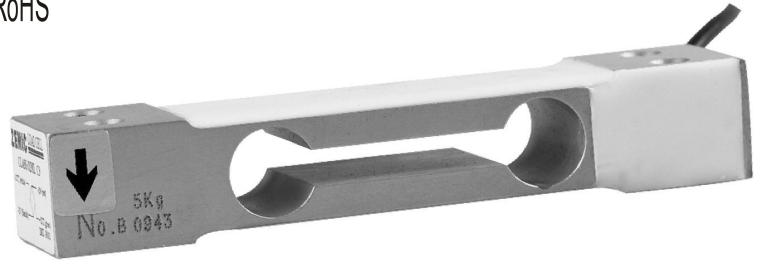


Capacity	Accuracy	Part-Number
2.5 kg	C3D <sup>1</sup>	L6D-C3D-2.5kg-3B6 (-R1 <sup>2</sup> )
3 kg	C3	L6D-C3-3kg-3B6 (-R1 <sup>2</sup> )
5 kg	C3	L6D-C3-5kg-3B6 (-R1 <sup>2</sup> )
6 kg	C3	L6D-C3-8kg-3B6 (-R1 <sup>2</sup> )
8 kg	C3	L6D-C3-10kg-3B6 (-R1 <sup>2</sup> )
10 kg	C3	L6D-C3-15kg-3B6 (-R1 <sup>2</sup> )
15 kg	C3	L6D-C3-20kg-3B6 (-R12)
20 kg	C3	L6D-C3-30kg-3B6 (-R12)
30 kg	C3	L6D-C3-30kg-3B6 (-R12)
35 kg	C3	L6D-C3-35kg-3B6 (-R12)
40 kg	C3	L6D-C3-40kg-3B6 (-R12)
50 kg	C3	L6D-C3-50kg-3B6 (-R12)

RoHS



- Aluminium-Alloy IP65 single point load cell.
- Colourless anodized
- Suitable for pricing scales, bench scales, etc.
- Maximum platform size: 250 x 350 mm

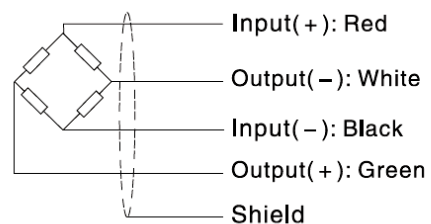
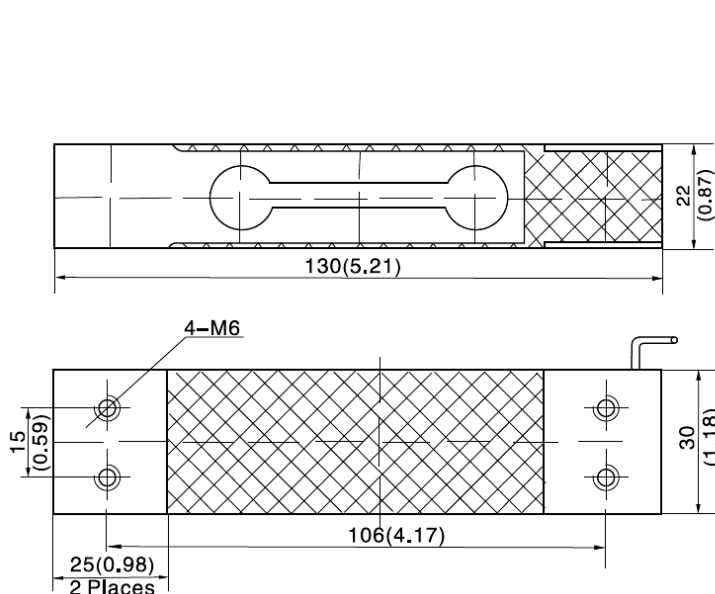


## Specification:

Accuracy class		OIML R60 C3	C3D / C3G <sup>2</sup>
Output sensitivity	mV/V	2.0 ± 0.2	
Maximum capacity (E <sub>max</sub> )	kg	2.5 <sup>1</sup> , 3, 5, 6, 8, 10, 15, 20, 30, 40, 50, 75	
Maximum number of load cell intervals (n <sub>LC</sub> )		3000	2500 / 4000
Ratio of minimum LC verification interval Y = E <sub>max</sub> / V <sub>min</sub>		5000, 6000 or 7000 <sup>3</sup>	5000 / 11000 <sup>3</sup>
Combined Error	%FS	± 0.0200	0.0280 / 0.0127
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	409 ± 6	(1065 ± 15)
Terminal resistance, output	Ω	350 ± 3	(1000 ± 10)
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	<30kg: 6	≥30kg: 10
Ingress Protection (according to EN 60529)		IP65	

Note 1: 2.5kg is not OIML approved Note 2: Applies only for type R1 ( =1000 Ω ) Note 3: Y-value is shown on the load cell label

## Outline Dimensions in mm



Output resistance	Input		Output	
	+	-	+	-
1000 Ω	Red	White	Green	Blue
350 Ω	Red	Black	Green	White

- 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: 0.45 ± 0.05m.
- Cable diameter: 3.8 ± 0.2mm.
- Shield not connected to element.

Nr. 2009.12 L6D Rev1