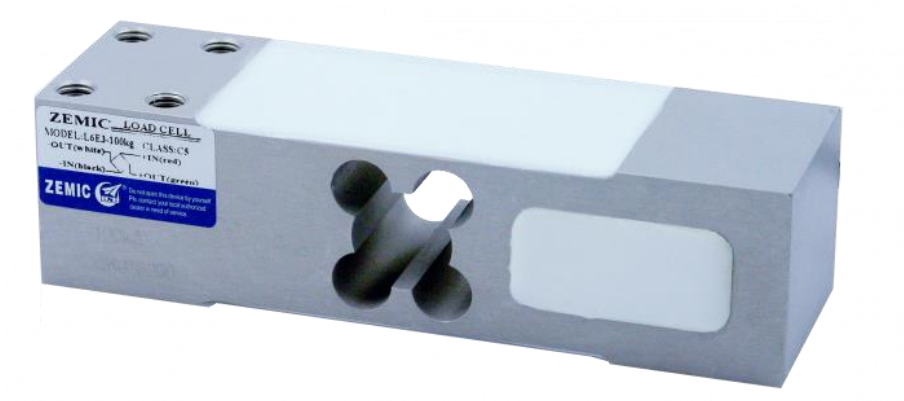
OFF CENTER LOAD CELL TYPE L6E3



Applications:

Off centre load cell type L6E3 can be used in small capacity weighing systems.

Some applications are:

- Small weighing platforms
- Pricing scale, Bench scale, etc

Main features:

- Colourless anodized
- Low cost
- Aluminium-Alloy, Single point load cell
- OIML Certificates n.: R60/2000-NL1-10.34
- Max Platform size 450x450 mm
- IP65

Nominal load:

C3/C4: 50-100-150-200-250-300-400-500 Kg

C5: 300-400-500 Kg

CELMI s.r.l.
Largo Brugnatelli 13/16
20090 Buccinasco (MI)
Italy

Tel: +39 0245712209
Fax: +39 0245705836
info@celmi.com
celmi.com

OFF CENTER LOAD CELL TYPE L6E3

Specification according to VDI/VDE 2637:

Caratteristiche Metrologiche	Par.	Un.	C3	C4	C5
Nominal Load	Ln	Kg	50÷500		300÷500
Max number of load cell divisions		nic	3000	4000	5000
Combined Error		%FS	≤±0,0230	≤±0,0175	≤±0,014
Electrical Data					
Nominal Output	Cn	mV/V	2		
Nominal Output Tolerance	Dc	±%Cn	10		
Nominal Supply Voltage	Bsu	V	5÷12		
Maximum Supply Voltage	Usmax	V	18		
Input Resistance	Re	Ω	406±6%		
Output Resistance	Ra	Ω	350±3,5%		
Insulation Resistance @20V	Ris	MΩ	>5000		
Safe Overload		Of Emax	150%		
Minimum Dead Load		Kg	0		
Maximum Overload		Of Emax	300%		
Zero Balance		Of FS	≤±2,0%		
Environmental Conditions					
Working Temperature Range	Btn	°C	-35+65		
Storage Temperature Range	Bts	°C	-40+70		
Compensated Temperature Range	Bts	°C	-10+40		
Housing Protection			IP -65		

Subject to change without notice

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

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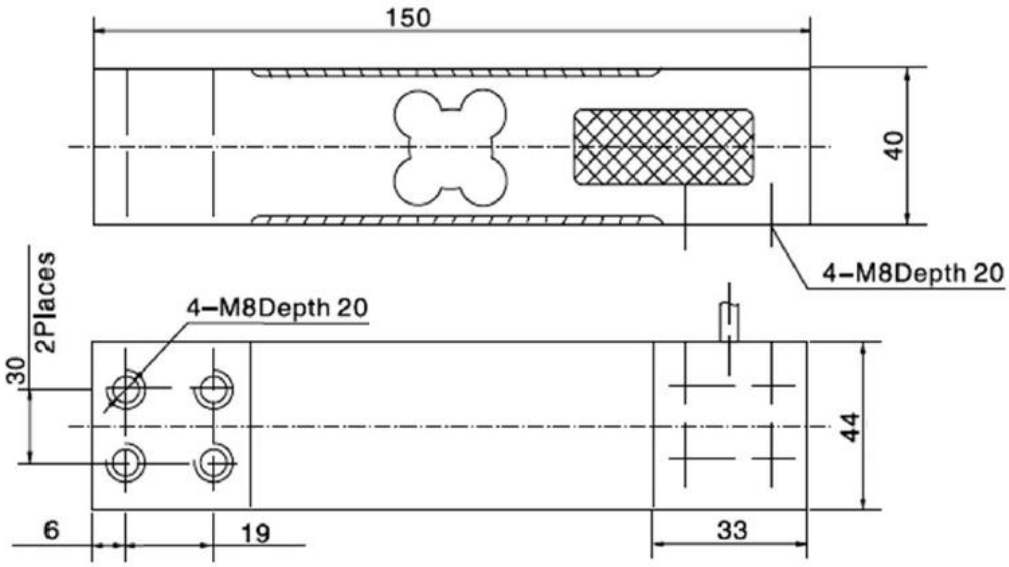
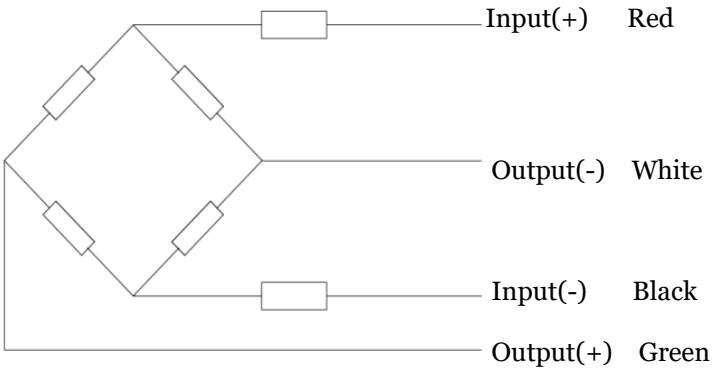
Dimensions:

(in mm; 1mm = 0.03937 inches)





Wiring:

- Shielded, 4 conductor cable.
- Cable diameter: Ø5.3mm.
- Standard cable length: 3m.
- Shield connected to element.
- Cable jacket in PVC.

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