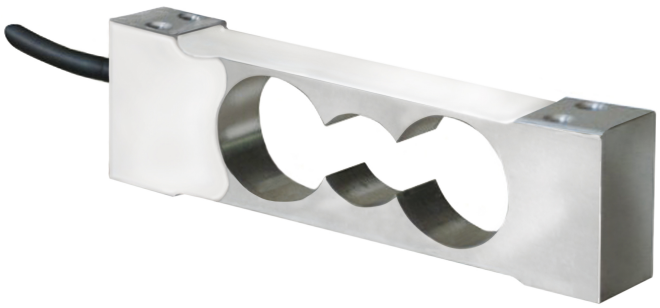
Off Center load cell **CB17**

available with certification • EAC

General information

PWS4020240314

The off center load cell CB17 has low capacity and high precision at a competitive price and is particularly suitable for the construction of small scales, in fact it has a capacity ranging from 0.6 to 3 kg and the maximum dimensions of the plate are equal at 200 x 200 mm. Furthermore, the CB17 cell is equipped with a 4-conductor cable 40 cm long.



Suggested related products

A highly performing weighing system must be accurate, perfectly calibrated and well maintained. In order to improve the load cell performance and to optimize its functioning, you may need the following products:

Weight Transmitter UWT 6008

Weight Transmitter DAT 1400

Weight Indicator MCT 1302

Tester 1008 TESTER 1008

Off Center load cell C2G1

Junction Box CGS4-C

All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

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Industrial Electronic Weighing Systems since 1963

Technical specifications

PWS4020240314

Rated load (RL):	0.6, 1, 2, 3 Kg
Combined error:	±0.03 % RO
Repeatability:	< ±0.02 % RO
Creep (20 minutes):	< ±0,02 % RO
Full scale non-Linearity:	< ±0.02 % RO
Safe overload:	300 % RL
Ultimate overload:	400 % RL
Material:	Alluminum alloy
Degree of protection:	IP64
Compensated Temperature:	-10 ÷ +50 °C
Temperature range:	-10 ÷ +50 °C
Temperature effect on zero balance:	< ±0.004 % RO/°C
Temperature effect on output:	< ±0.0012 % on output/°C
Rated output RO:	1.0 ±0.1 mV/V
Zero balance:	±0.05 mV/V
Insulation resistance:	> 2000 MOhm
Input resistance:	420
Output resistance:	350 ±5 Ohm
Recommended input:	5 ÷ 12 Vdc/Vac
Maximum supply voltage:	15 Vdc/ac

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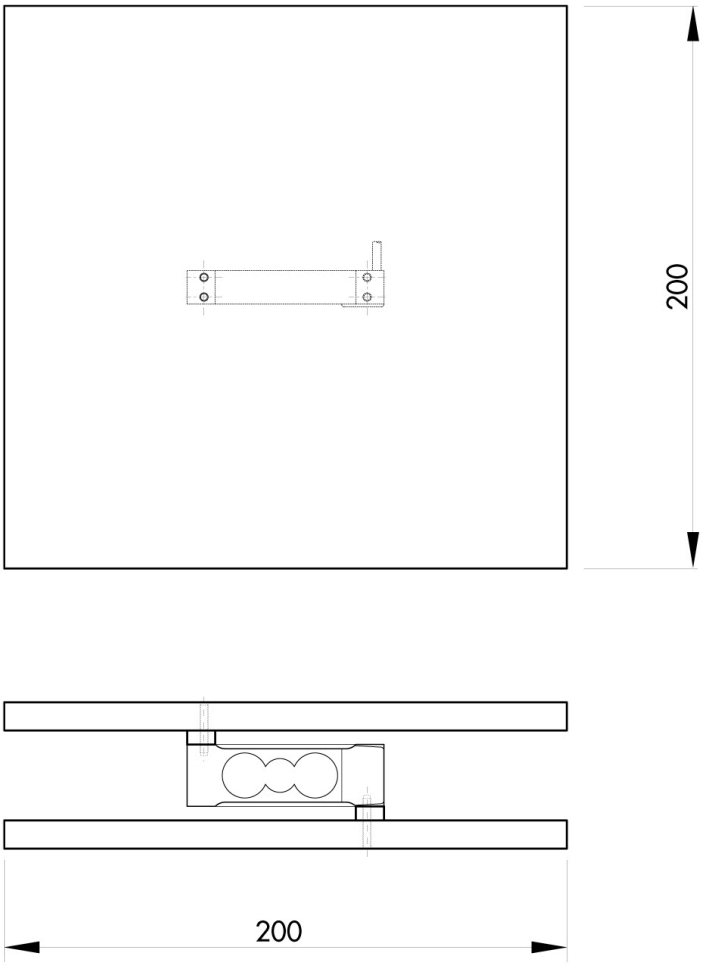

Electrical Connection	
+Excitation	Red
-Excitation	White
+Signal	Green
-Signal	Blue
Shield	Cable shield

To Know
Error is within 0.02% SN applied with 1/2 of capacity at the position of 50mm of eccentricity
The center of loading plate and the center of the load cell should be the same position

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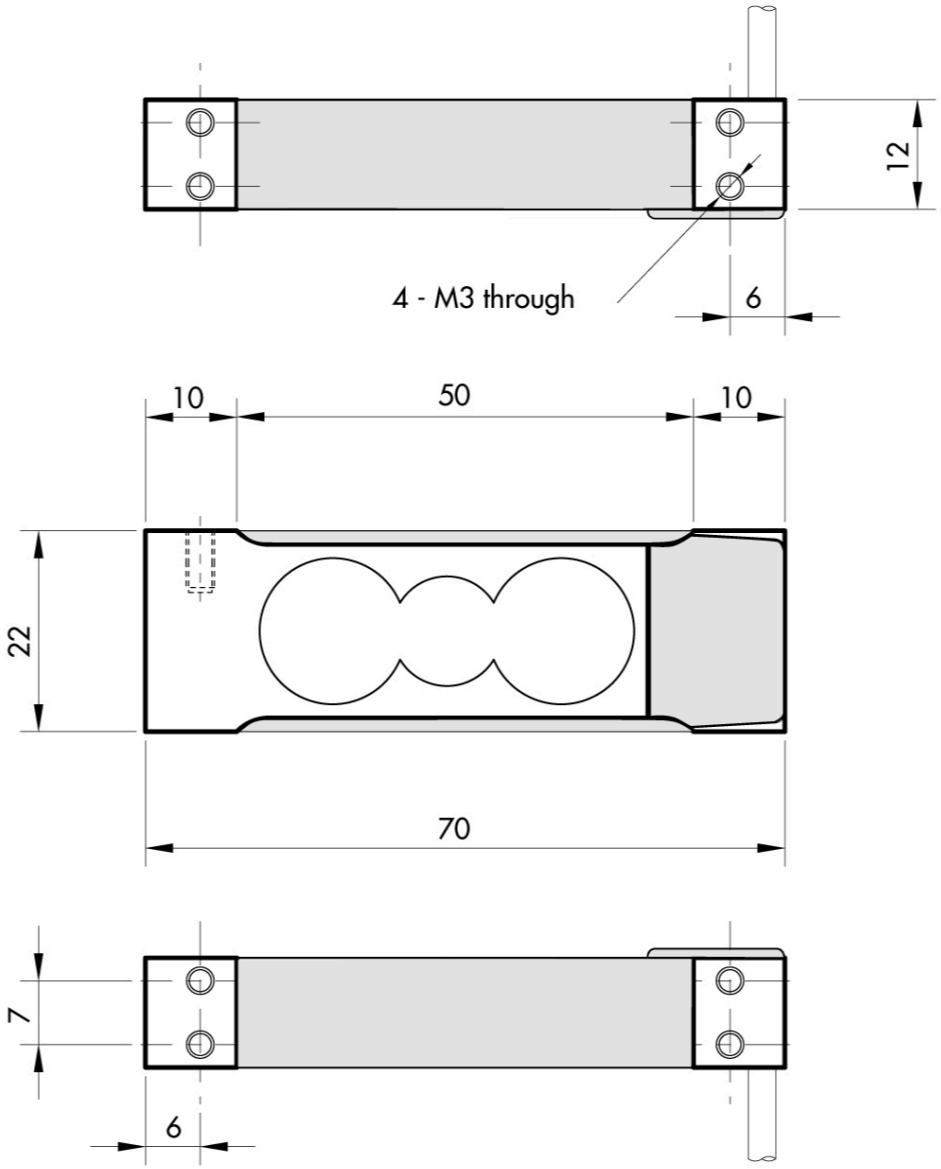

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