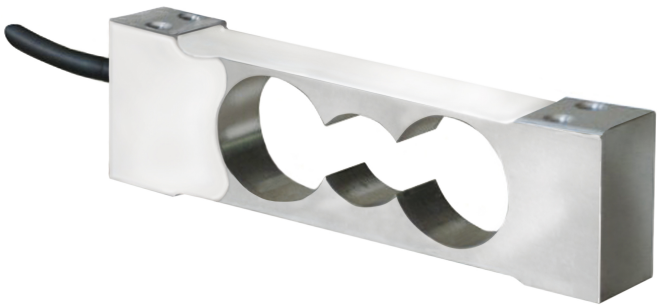
# Off Center load cell **CB17**

## General information

PWS4020261106

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

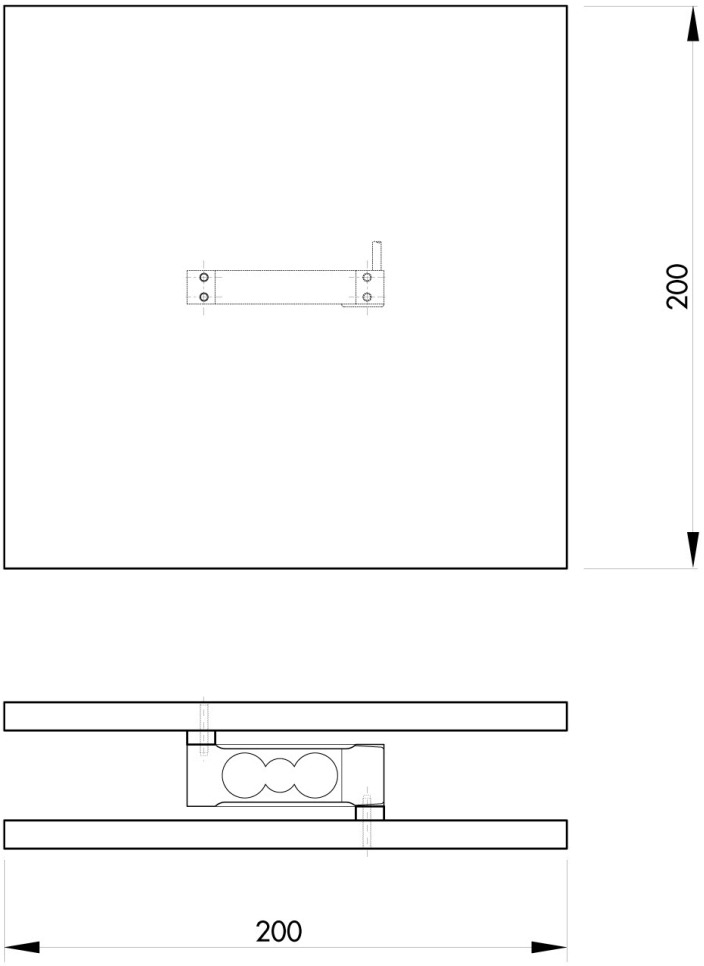
# Technical specifications

PWS4020261106

| | |
|---|---|
| **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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# Off Center load cell **CB17**

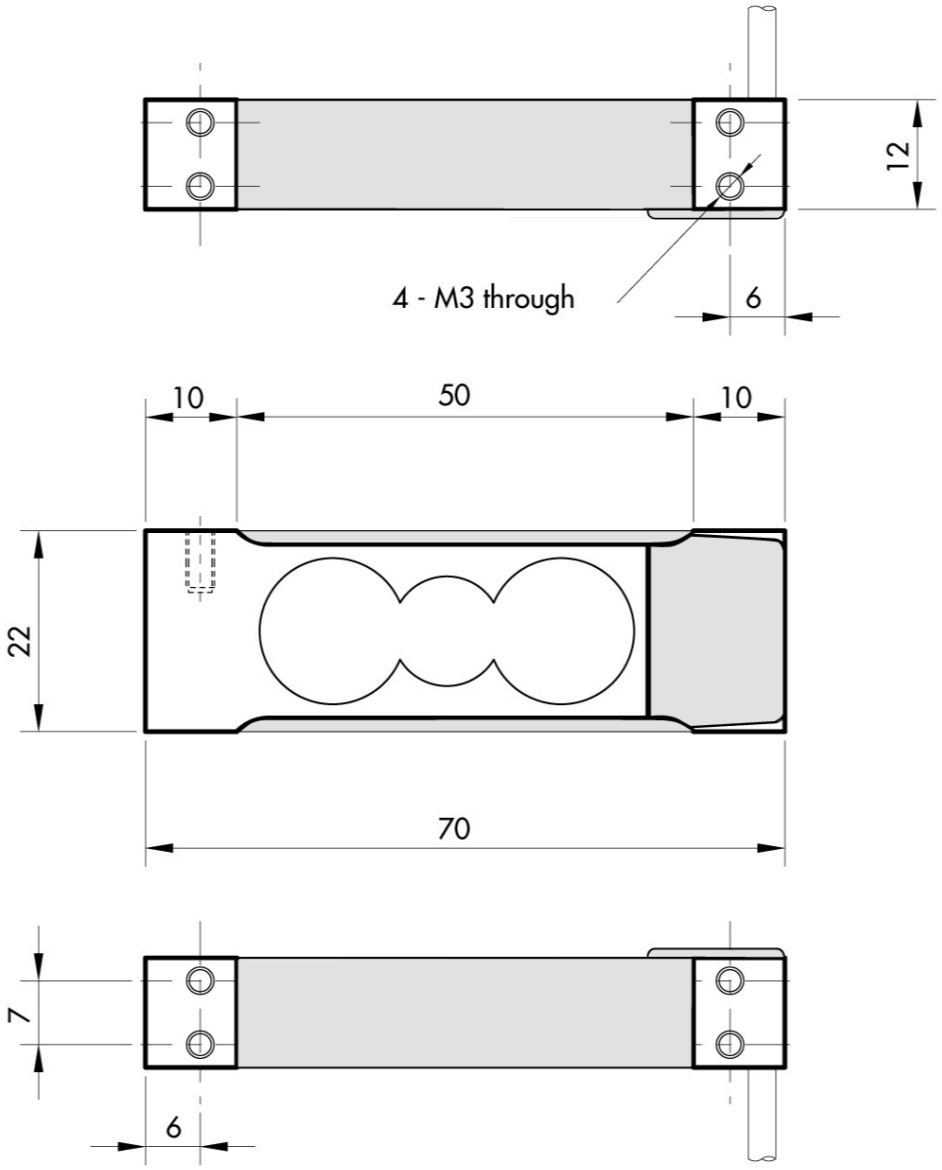



| Electrical Connection | |
|---|---|
| +Excitation | Red |
| -Excitation | White |
| +Signal | Green |
| -Signal | Blue |
| Shield | Cable shield |

| 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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