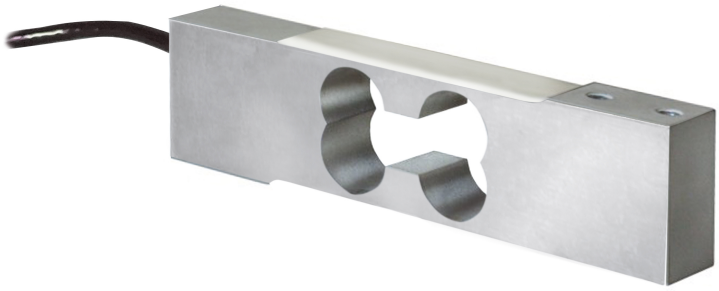
Off Center load cell **CB004**

available with certification • OIML

General information

PWS4220261124

The off center load cell CB004 guarantees high precision at a competitive price and is particularly suitable for the construction of industrial and bench electronic scales, piece counters and packaging machines. The CB004 cell can be customized according to the customer's needs, for example the capacity ranges from 10 kg to 100 kg and the maximum size of the dish reaches up to 400 x 400 mm. The CB004 cell has a 4 meters shielded 4-conductor cable.



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 C2Z1

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

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Rated load (RL):	10, 15, 20, 25, 30, 35, 45, 60, 100 Kg
Repeatability:	< ±0.015 % RO
Creep (20 minutes):	±0,02 % RO
Full scale non-Linearity:	< ±0.0125 % RO
Safe overload:	150 % RL
Ultimate overload:	200 % RL
Material:	Alluminum alloy
Degree of protection:	IP64
Accuracy class:	4000 / 6000 OIML
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 % load/°C
Rated output RO:	2.0 ±0.2 mV/V
Zero balance:	< ±0.1% of R.O.
Insulation resistance:	> 2000 MOhm
Input resistance:	375 ÷ 425 Ohm
Output resistance:	345 ÷ 355 Ohm
Recommended input:	5 ÷ 12 Vdc/Vac
Maximum supply voltage:	20 Vdc/ac

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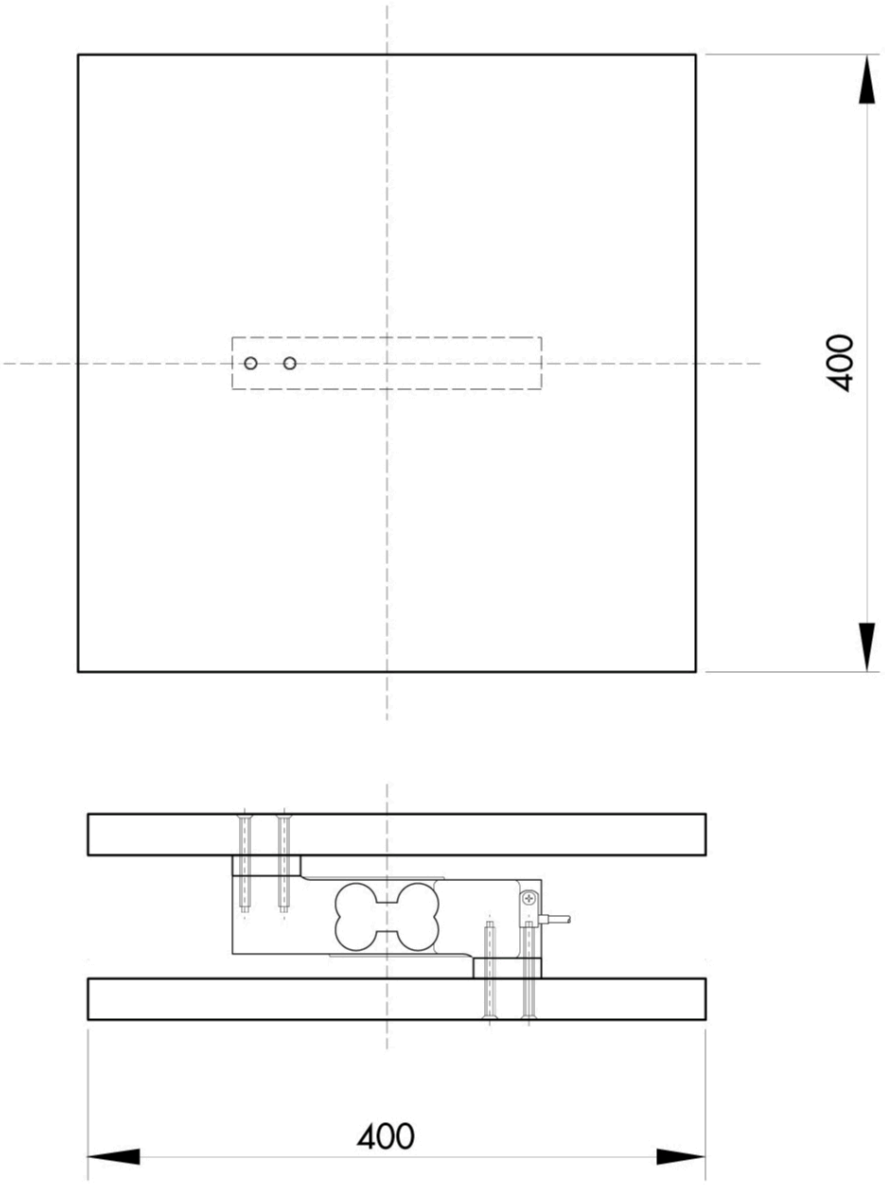

Electrical Connection	
+Excitation	Red
-Excitation	White
+Signal	Green
-Signal	Blue
Shield	Cable shield

To Know
Error is within 0.01% SN applied with 1/2 of capacity at the position of 100mm of eccentricity
The center of loading plate and the center of the load cell should be the same position

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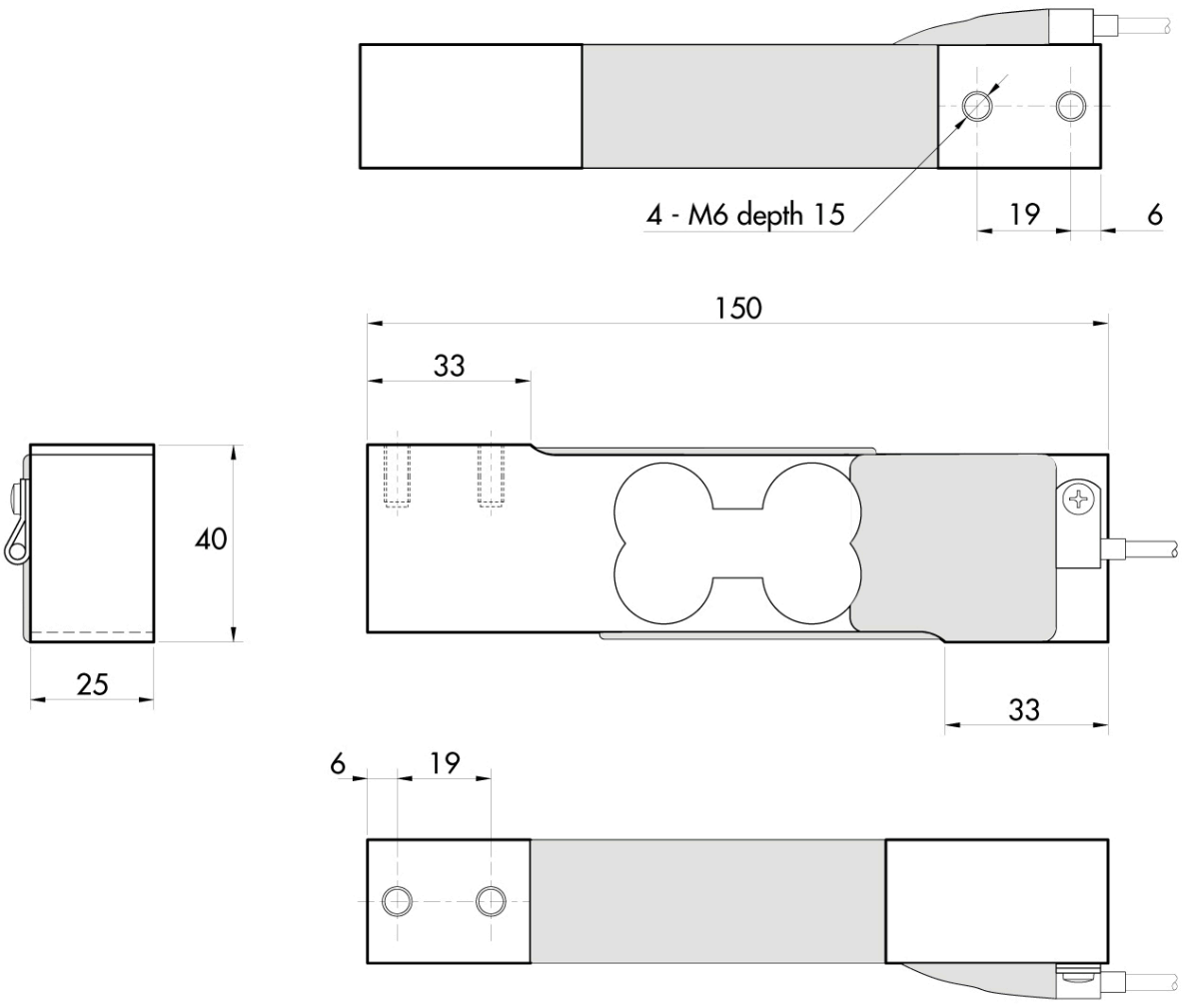

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