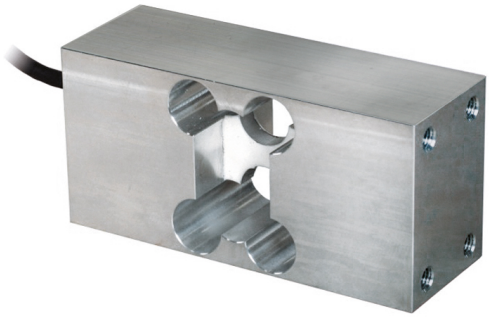
Off Center load cell **C2Z1**

available with certification • NTEP

General information

PWS4420261123

The off center load cell C2Z1 is easy to assemble and guarantees high performance in terms of precision and resistance, especially to humidity. For this reason, it is usually used in scales for commercial use. The off-center cell C2Z1 has an excellent quality-price ratio as it has an advantageous price compared to its features.



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

Junction Box CGS4-C

Off Center load cell U2D1

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):	60, 120, 150, 300 Kg
Repeatability:	±0.02 % RO
Creep (20 minutes):	±0.025 % RO
Full scale non-Linearity:	0.02 % RO
Safe overload:	150 % RL
Ultimate overload:	250 % RL
Material:	Alluminum
Compensated Temperature:	-10 ÷ +50 °C
Temperature range:	-10 ÷ +70°C
Temperature effect on zero balance:	0.028 % PN/°C
Temperature effect on output:	0.011 % on output/°C
Rated output RO:	1.9 mV/V ±0.1
Zero balance:	±5 % RO
Insulation resistance:	<1000 Ohm
Input resistance:	400 ± 20 Ohm
Output resistance:	350 ±5 Ohm
Recommended input:	12 V
Maximum supply voltage:	20 V
Weight:	1 kg
Cable Lenght:	0,5 m
Hysteresis:	0.02 % RO

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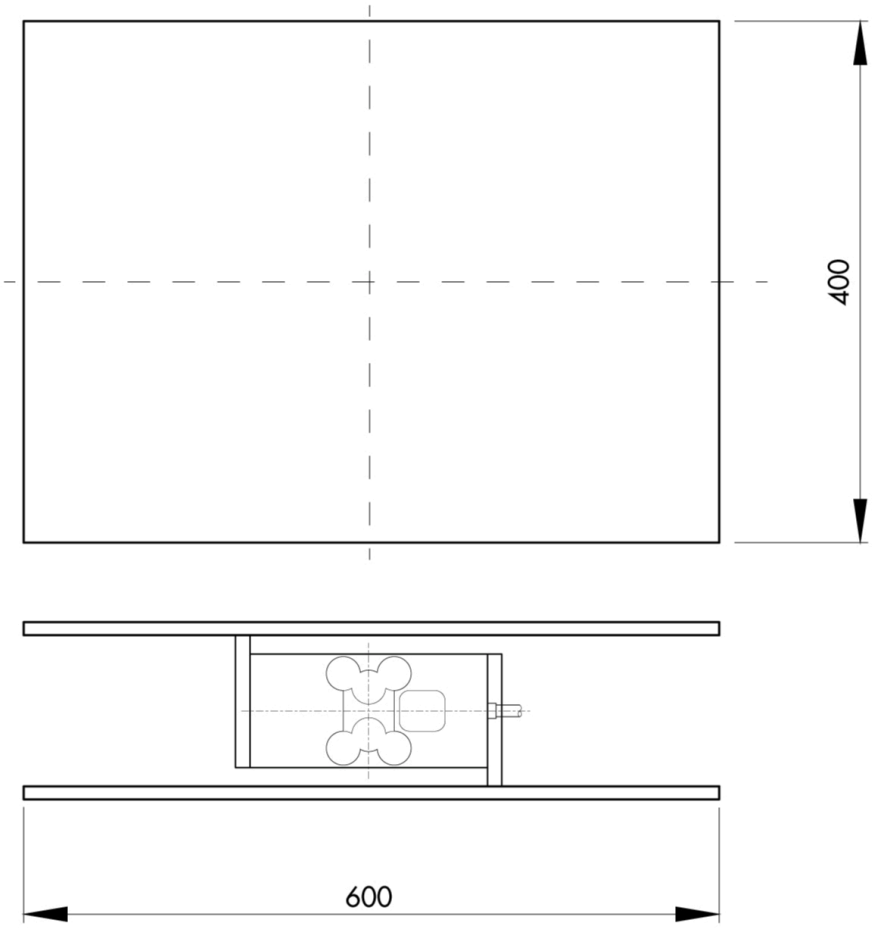

Electrical Connection	
+Excitation	Red
-Excitation	White
+Signal	Green
-Signal	Blue
Shield	Cable shield

To Know
Error is within 0.02% SN applied with 1/2 of capacity at the position of 150mm of eccentricity
The center of loading plate and the center of the load cell should be the same position

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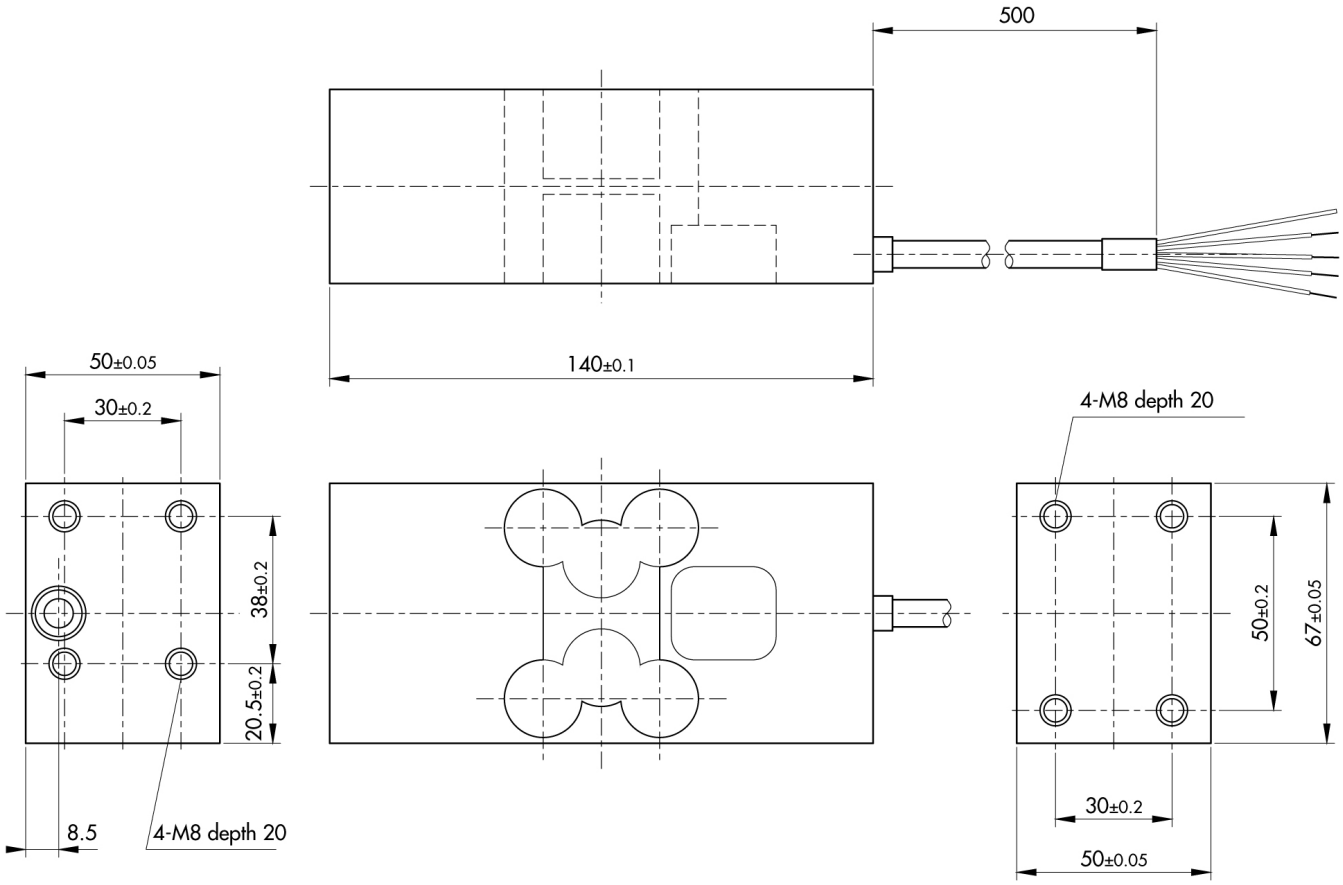

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