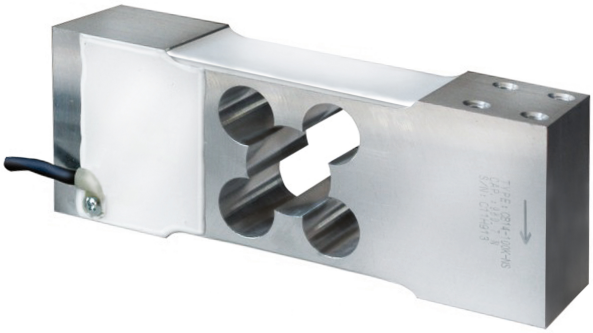
Off Center load cell **CB14**

available with certification • EAC • OIML

General information

PWS4320240319

The off center load cell CB14 has high capacity and precision at a competitive price and is particularly suitable for the construction of electronic scales in electromedical equipment. The CB14 cell can be customized, for example the flow rate can vary from 100 to 500 kg and the plate dimensions are 450 x 600 mm. The CB14 off-center cell has a 4-conductor cable 1.5 meters long for the electrical connection.



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 CB004

Junction Box CGS4-C

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

PAVONE SISTEMI S.R.L.
Via Tiberio Bianchi 11/13/15, 20863 Concorezzo (MB), Milan, Italy
T (+39) 039 9162656 **F** (+39) 039 9162675 **W** pavonesistemi.com
Industrial Electronic Weighing Systems since 1963

Technical specifications

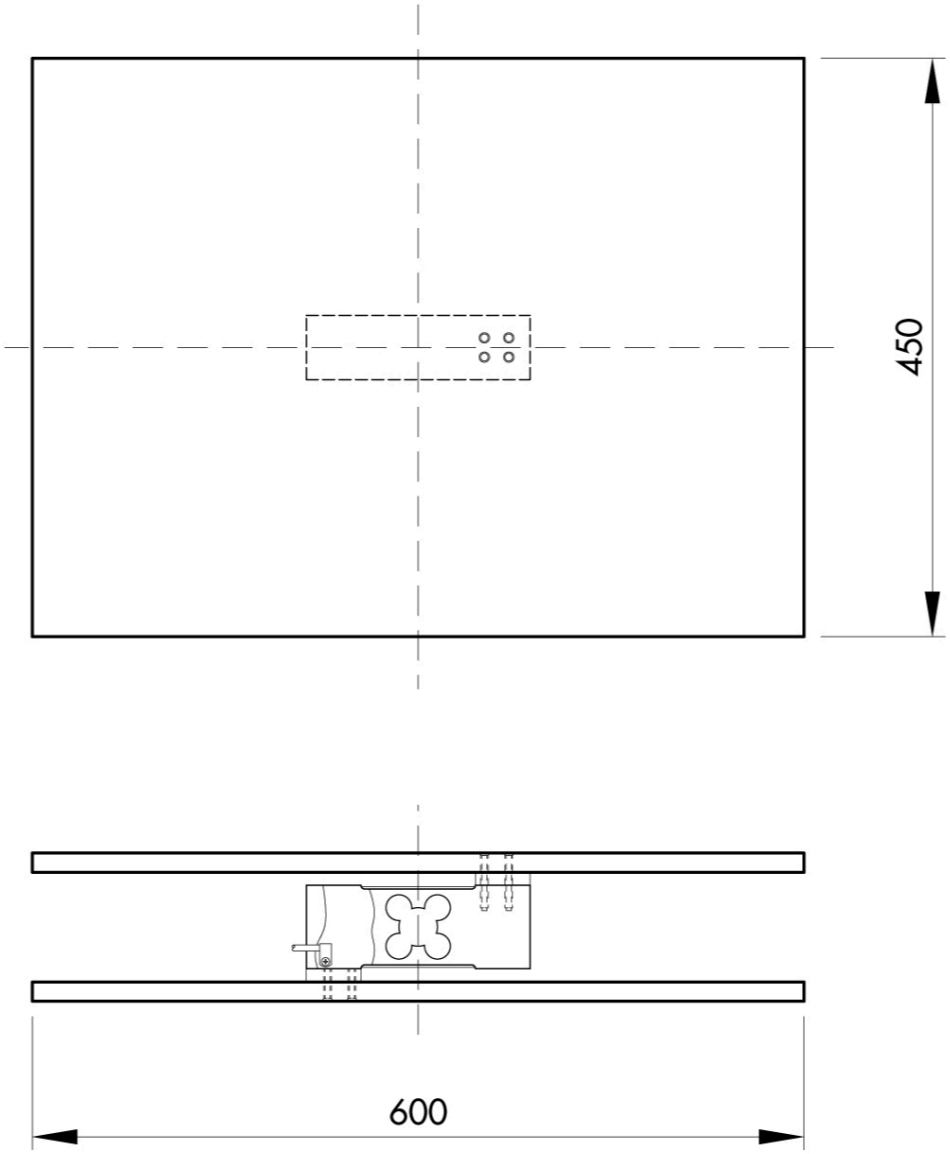
PWS4320240319

Rated load (RL):	100, 150, 250, 300, 500 Kg
Combined error:	±0.03 % RO
Repeatability:	±0.02 % 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:	6000 OIML
Compensated Temperature:	-10 ÷ +50 °C
Temperature range:	-10 ÷ +70 °C
Temperature effect on zero balance:	±0.005 % RO/°C
Temperature effect on output:	±0.002 % load/°C
Rated output RO:	2.2 mV/V ±0.11 %
Zero balance:	< ±0.11 mV/V
Insulation resistance:	> 2000 MOhm
Input resistance:	395 ÷ 415 Ohm
Output resistance:	345 ÷ 355 Ohm
Recommended input:	5 ÷ 12 Vdc/Vac
Maximum supply voltage:	20 Vdc/ac

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

Off Center load cell **CB14**

available with certification • EAC • OIML



Electrical Connection	
+Excitation	Red
-Excitation	White
+Signal	Green
-Signal	Blue
Shield	Yellow

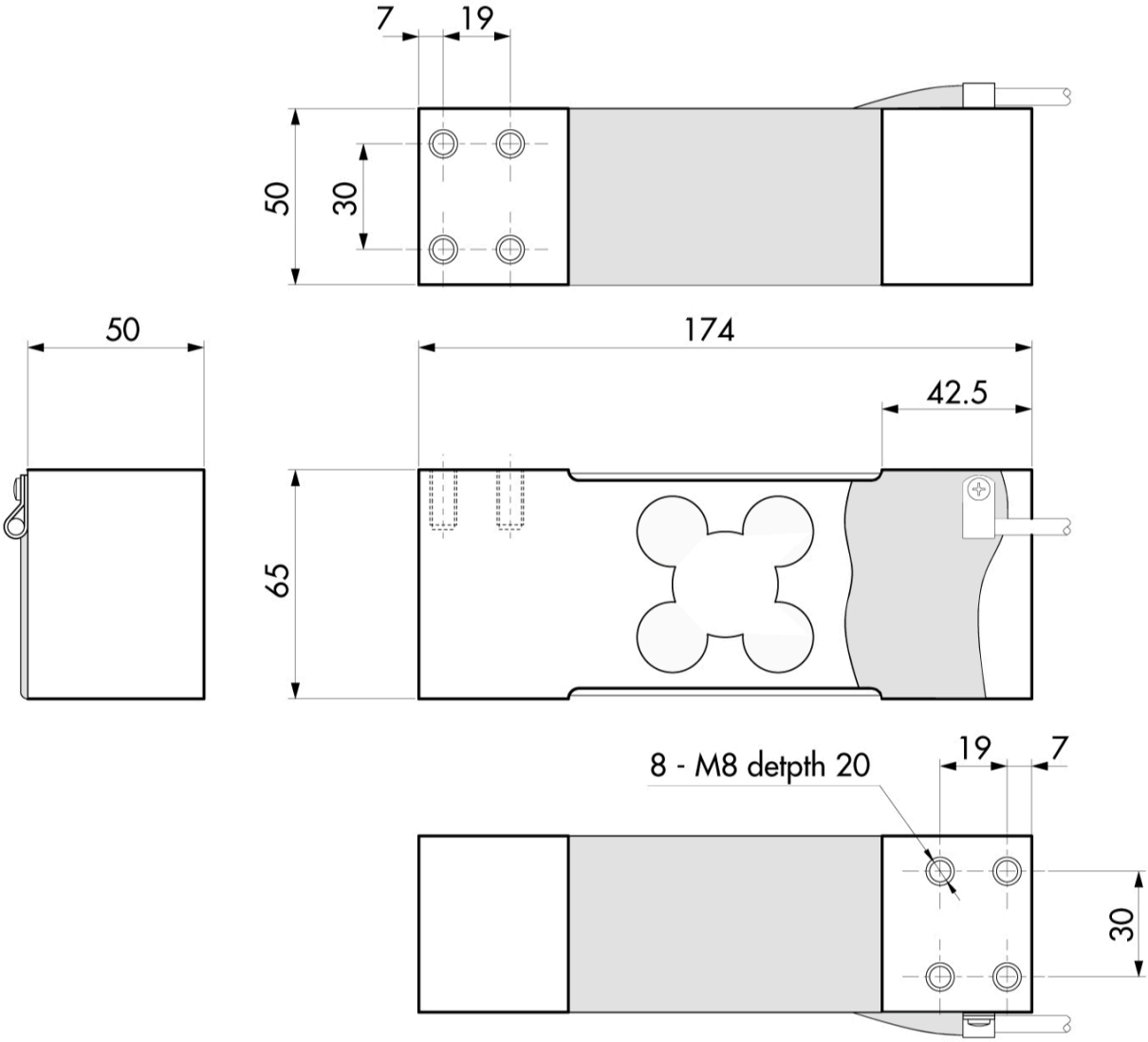
To Know
Error is within 0.02% SN applied with 1/2 of capacity at the position of 150mm of eccentricity
The center of loading plate and the center of the load cell should be the same position

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

PAVONE SISTEMI S.R.L.
Via Tiberio Bianchi 11/13/15, 20863 Concorezzo (MB), Milan, Italy
T (+39) 039 9162656 **F** (+39) 039 9162675 **W** pavonesistemi.com
Industrial Electronic Weighing Systems since 1963

Off Center load cell **CB14**

available with certification • EAC • OIML



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

PAVONE SISTEMI S.R.L.
Via Tiberio Bianchi 11/13/15, 20863 Concorezzo (MB), Milan, Italy
T (+39) 039 9162656 **F** (+39) 039 9162675 **W** pavonesistemi.com
Industrial Electronic Weighing Systems since 1963