Off Center load cell **PSBM6A**

available with certification • ATEX • OIML

General information

PWS15620261123

The off center load cell PSBM6A is made of stainless steel, is hermetically sealed and has 6 meter long shielded cable supplied with 6 wires. It is suitable for platforms, belt scales, packaging machines, etc. The maximum dimensions of the PSBM6A single point load cell can reach 350 x 350 mm.



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:

Off Center load cell C2G1

Off Center load cell CB004

Off Center load cell CB14

Off Center load cell U2D1

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

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Technical specifications

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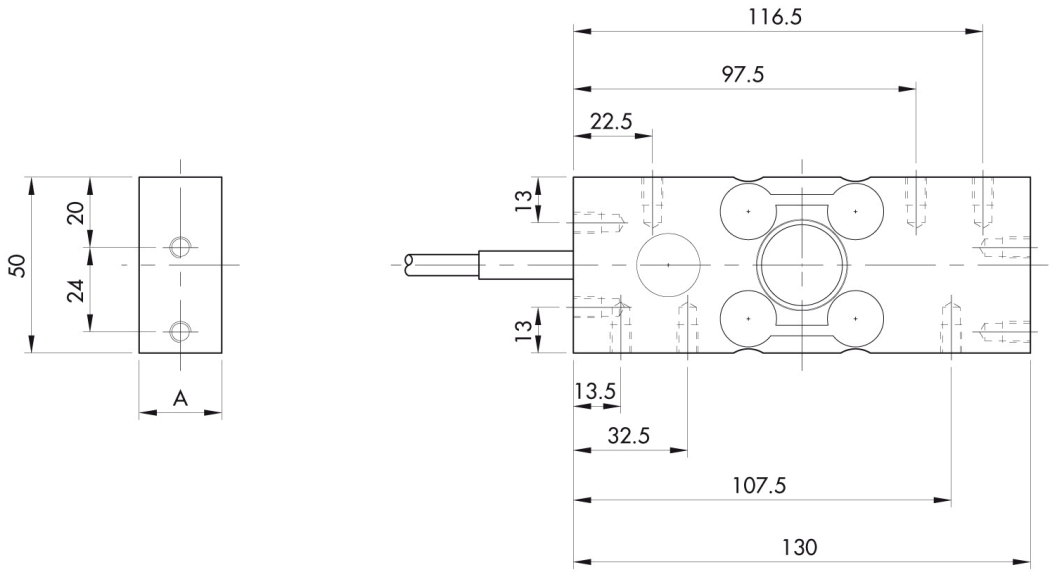
Rated load (RL):	6, 12, 30, 60 Kg
Combined error:	±0.023 % RO
Repeatability:	±0.01 % RO
Creep (30 minutes):	±0.02 % RO
Safe overload:	150 % RL
Ultimate overload:	300 % RL
Material:	Stainless steel
Degree of protection:	IP68
Deflection:	0.2 ÷ 1.4 mm
Compensated Temperature:	-10 ÷ +40 °C
Temperature range:	-35 ÷ + 65 °C
Temperature effect on zero balance:	±0.018 % RO/10°C
Temperature effect on output:	±0.014 % output/10°C
Rated output RO:	2.0 mV/V ±0.2
Zero balance:	< ±1.5 % Full scale
Insulation resistance:	> 5000 Ohm
Input resistance:	400 ±20 Ohm
Output resistance:	350 ±3.5 Ohm
Recommended input:	5 ÷ 12 Vdc/ac

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CAPACITY	6Kg	12Kg	30Kg	60Kg
A in mm	18.5	18.5	18.5	23.5

All threads are M6x1 8mm deep

Standard with 6 conductor shielded cable

Standard cable length is 6 m

Shield is not connected to load cell element

Different cable type or length are available on customers request

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