

## General information

PWS15620250713

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).

## Technical specifications

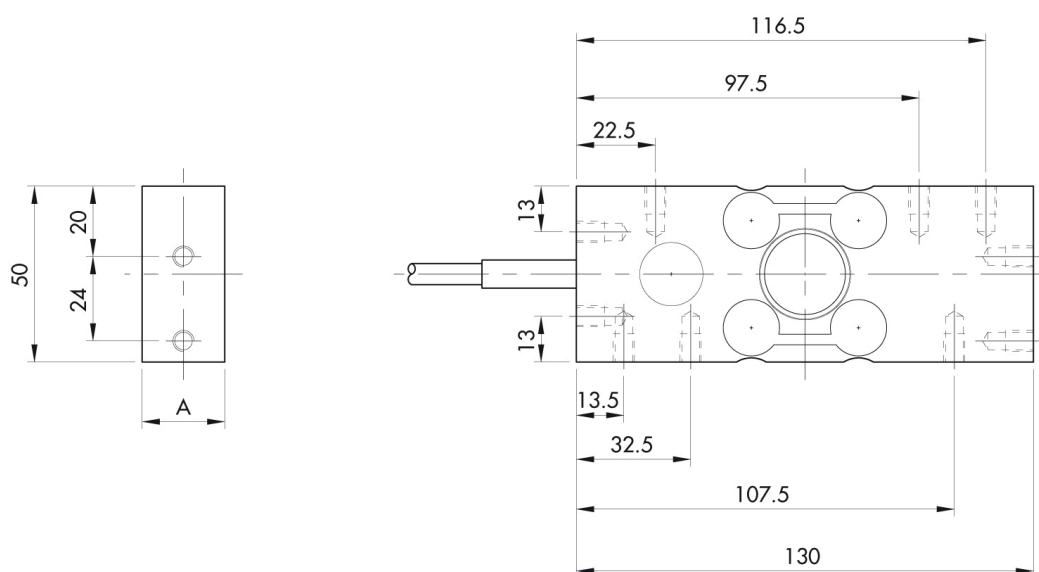
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|  |                      |
|--|----------------------|
| <b>Rated load (RL):</b>                    | 6, 12, 30, 60 Kg     |
| <b>Combined error:</b>                     | ±0.023 % RO          |
| <b>Repeatability:</b>                      | ±0.01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

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# Off Center load cell **PSBM6A**

available with certification • EAC • ATEX • OIML



| 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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