# Bending beam load cell **BBR**

available with certification • ATEX • OIML

## General information

PWS4820261124

The bending beam load cell BBR is made of stainless steel, is completely welded and has a thermal seal. The cell BBR has been designed for weighing tanks, hoppers, belts, platforms, single-cell systems, suspended loads and automatic packaging machines and is supplied with a shielded cable 3 meters long.



### 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** DAT 1400

**Weight Indicator** MCT 1302

**Mounting kits** MKX ®

**Mounting kits** MH MOUNTING KIT

**Tester 1008** TESTER 1008

**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.**
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Industrial Electronic Weighing Systems since 1963

# Technical specifications

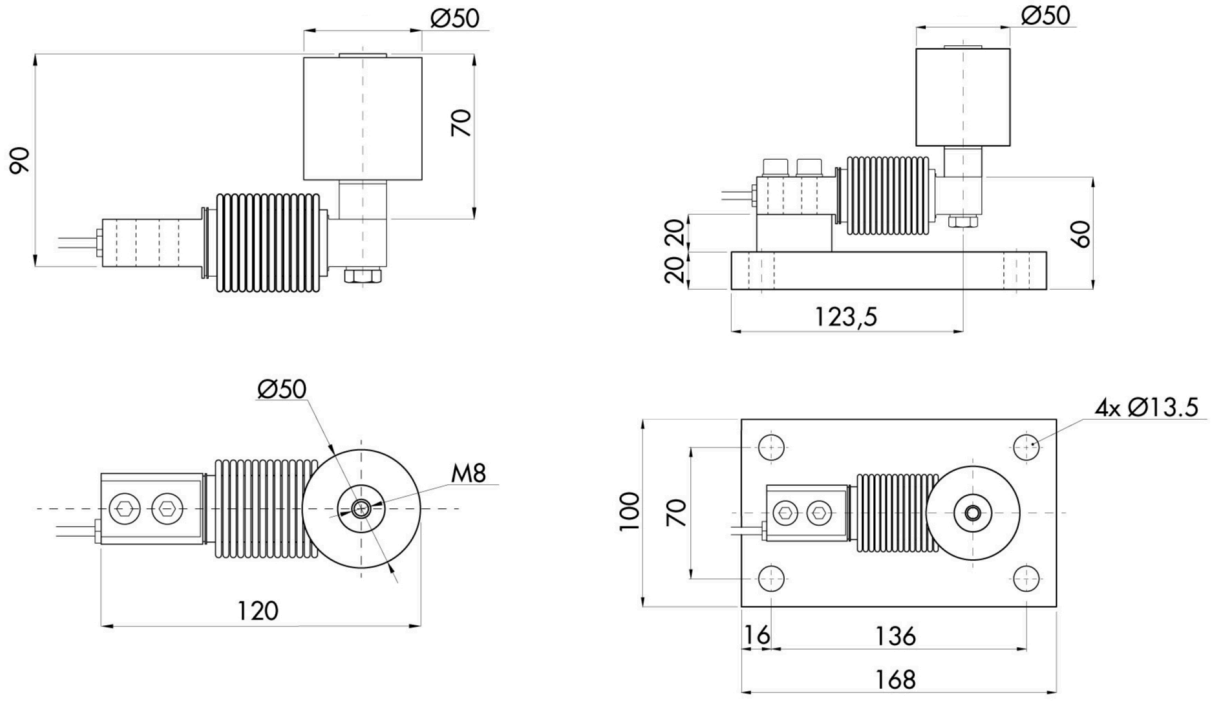
PWS4820261124

| | |
|---|---|
| **Rated load (RL):** | 5, 10, 20, 30, 50, 75, 100, 150, 200, 250, 300, 500 Kg |
| **Combined error:** | < ±0.017 % RO |
| **Repeatability:** | < ±0.015 % RO |
| **Creep (20 minutes):** | ±0.016 % RO |
| **Safe overload:** | 150 % RL |
| **Ultimate overload:** | 200 % RL |
| **Accuracy class:** | 3000 OIML |
| **Deflection:** | 0.2 ÷ 0.4 mm |
| **Compensated Temperature:** | -10 ÷ +40°C |
| **Temperature range:** | -20 ÷ +50°C |
| **Temperature effect on zero balance:** | < ±0.01 % RO/5°K |
| **Temperature effect on output:** | < ±0.006 % RO/5°K |
| **Rated output RO:** | 2 mV/V ±0.1 % |
| **Zero balance:** | < ±2 % RO |
| **Insulation resistance:** | > 5000 M Ohm |
| **Input resistance:** | 400 ± 20 Ohm |
| **Output resistance:** | 350 ± 3 Ohm |
| **Recommended input:** | 5 ÷ 15 Vdc/ac |
| **Degree of protection:** | IP68 - IP69K |

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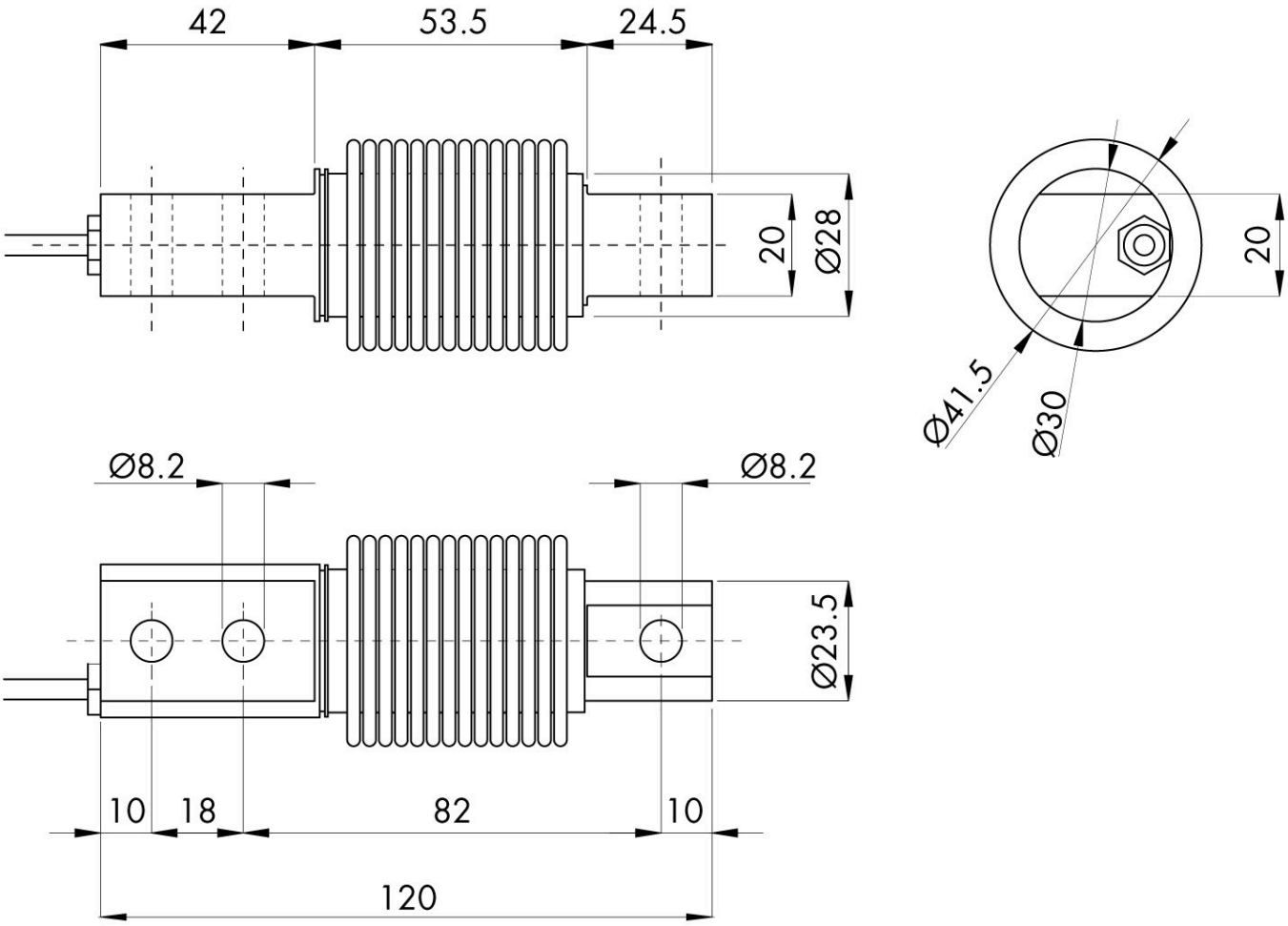
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| Electrical Connection | |
|---|---|
| +Excitation | Green |
| -Excitation | Black |
| +Signal | Red |
| -Signal | White |
| Screen | Cable Shield |

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