Load Cells
Bending beam load cell **BBR**
available with certification • EAC • ATEX • OIML

PAVONESYSTEMS

General information

PVS4820200513

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).

Load Cells
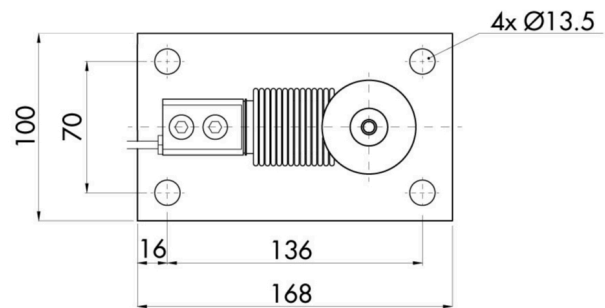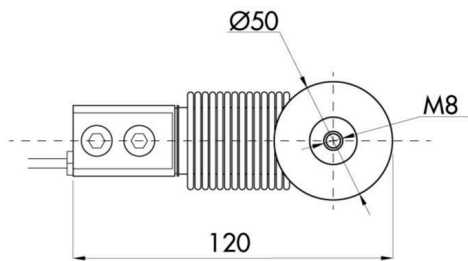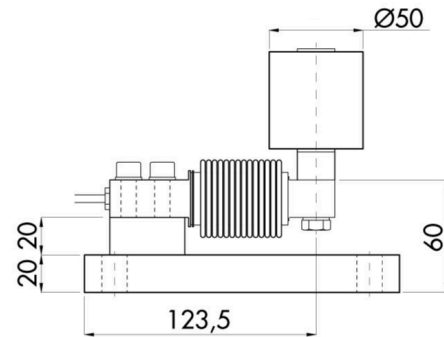# Bending beam load cell **BBR**
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Technical specifications

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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
Degree of protection:	IP68
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:	400 ±20 Ohm
Recommended input:	5 ÷ 15 Vdc/ac

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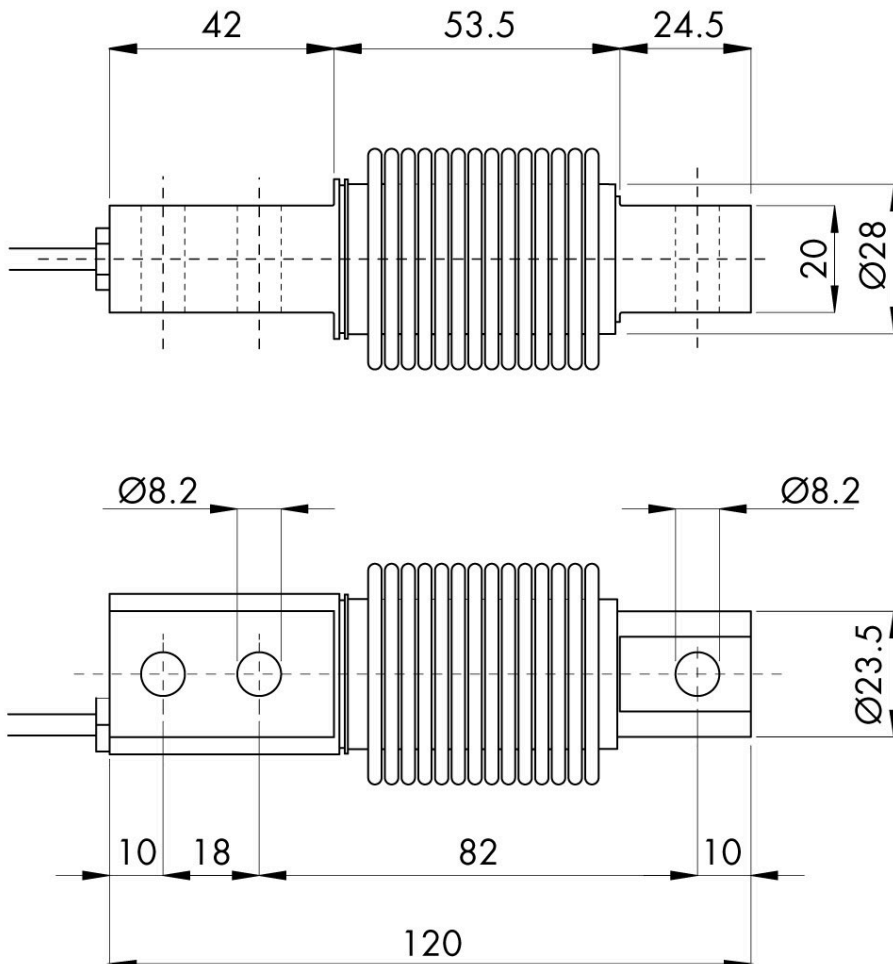All the measures indicated are expressed in millimeters (mm).

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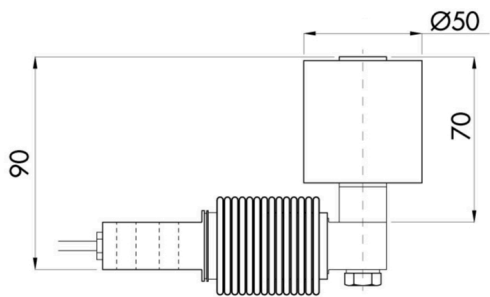
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Electrical Connection	
+Excitation	Green
-Excitation	Black
+Signal	Red
-Signal	White
Screen	Cable Shield

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