Bending beam load cell **BBF**

available with certification • EAC • ATEX • OIML

General information

PWS4920240315

The bending beam load cell BBF is welded and built in stainless steel, has a thermal seal and has been designed for weighing tanks, hoppers, belts, platforms, single-cell systems, suspended loads and automatic packaging machines. The BBF cell is supplied with a 4-m shielded cable 3 m 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).

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Industrial Electronic Weighing Systems since 1963

Technical specifications

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Rated load (RL):	15, 30, 50, 75, 100, 150, 200, 250, 300, 500, 750, 1000, 1500 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 MOhm
Input resistance:	400 ± 20 Ohm
Output resistance:	350 ±3 Ohm
Recommended input:	5 ÷ 15 Vdc/Vac
Degree of protection:	IP68 - IP69K

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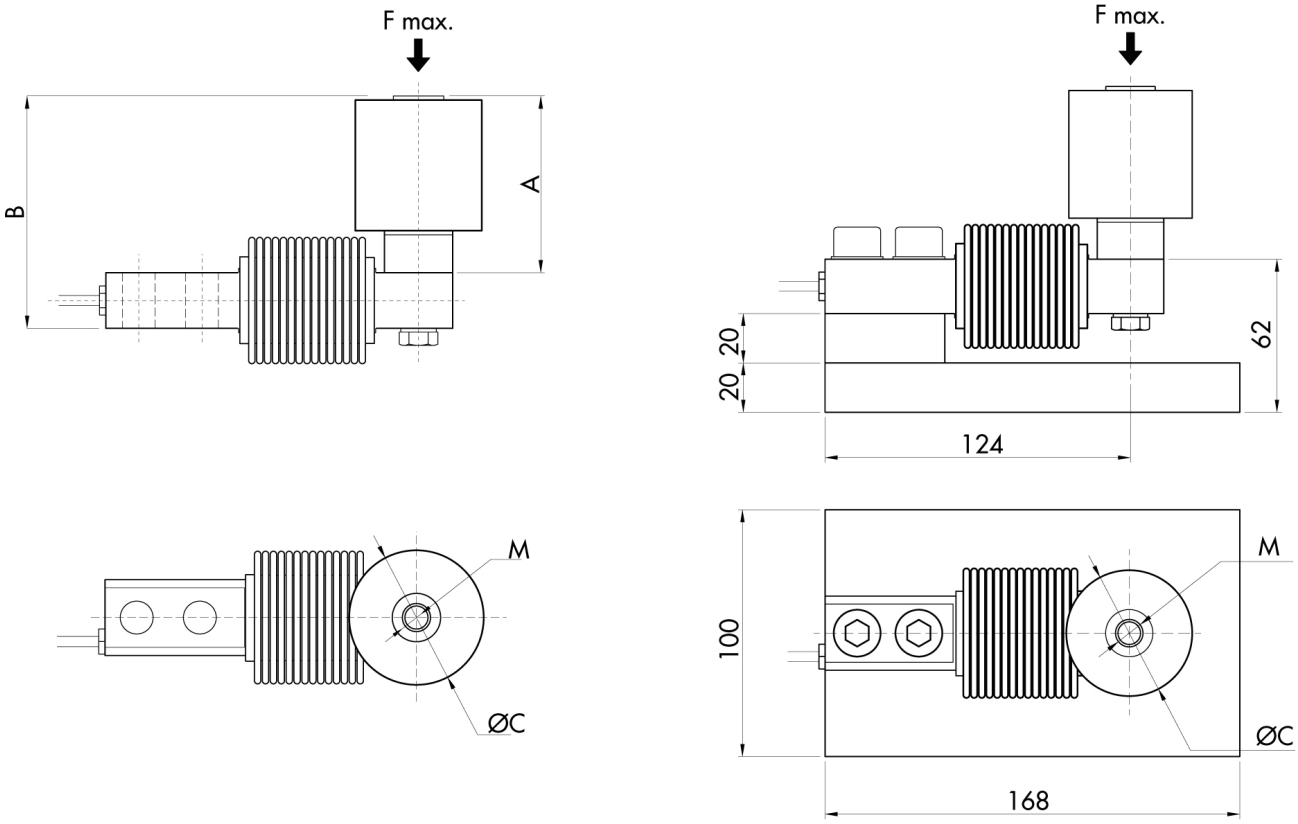

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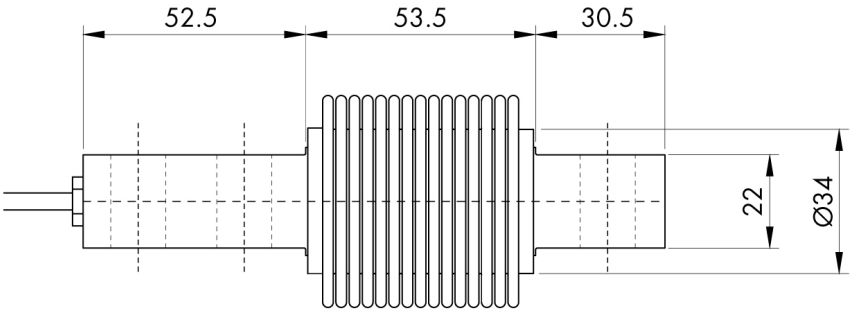

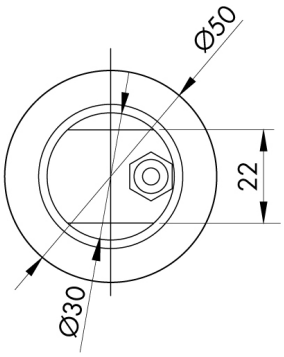

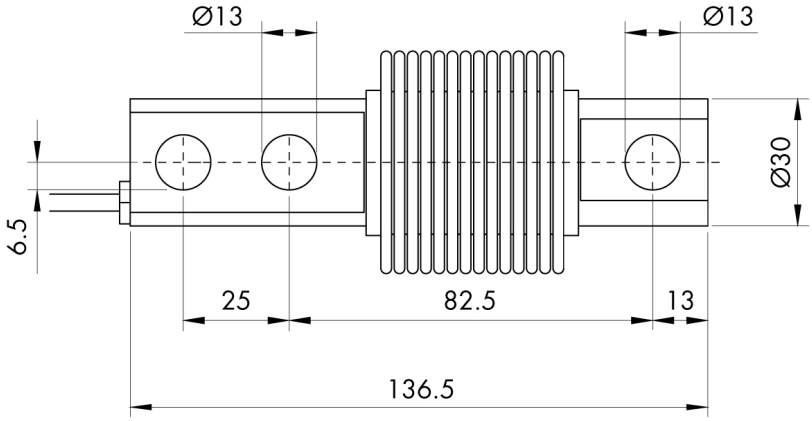

Electrical Connection	
+Excitation	Green
-Excitation	Black
+Signal	Red
-Signal	White
Shield	Cable shield

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