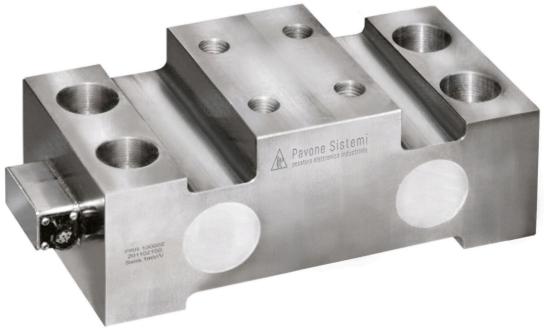
Double Shear Beam Load Cell **PRR**

available with certification • EAC

General information

PWS3020240318

The PRR double shear beam load cell, made of stainless steel with watertight protection, has a low profile and is perfect for working in hostile environments and heavy industries, such as the steel industry. It is insensitive to side loads, resistant to overloads up to 500%, has excellent linearity and precision characteristics and has a 6-pole connector for the electrical connection. The PRR load cell can be customized according to customer needs, for example the temperature is compensated up to 120 ° C but it is possible to request a cell for higher temperatures.



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 UWT 6008

Weight Transmitter DAT 1400

Weight Indicator MCT 1302

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):	50, 100 t
Combined error:	±0.15 % RO
Repeatability:	±0.02 % RO
Creep (20 minutes):	±0.03 % RL
Safe overload:	200 % RL
Ultimate overload:	500 % RL
Ultimate sideload:	100 % RL
Material:	Stainless steel
Degree of protection:	IP66
Deflection:	0.35 mm
Compensated Temperature:	-10 ÷ +120 °C
Temperature range:	-20 ÷ +150 °C
Temperature effect on zero balance:	< ±0.005 % RO/°C
Temperature effect on output:	< ±0.005 % on output/°C
Rated output RO:	1.0 mV/V ±0.1 %
Zero balance:	< ±1.5 % RO
Insulation resistance:	> 5000 M Ohm
Input resistance:	350 ± 20 Ohm
Output resistance:	350 ±5 Ohm
Recommended input:	2 ÷ 15 V

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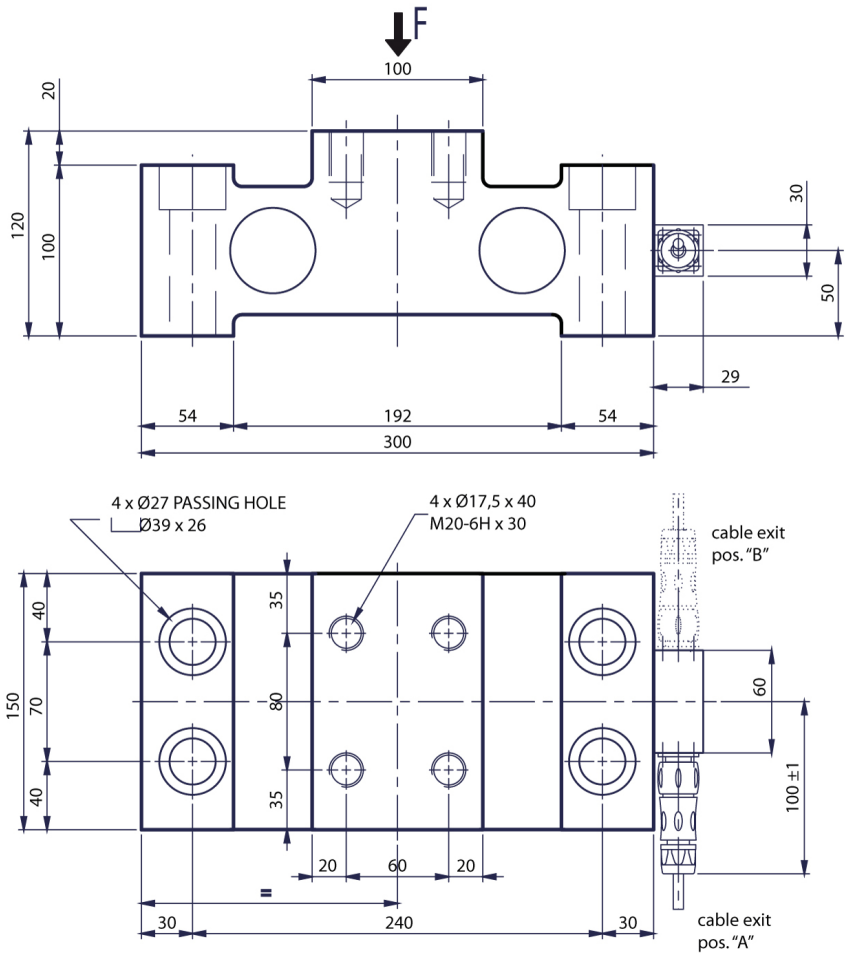

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