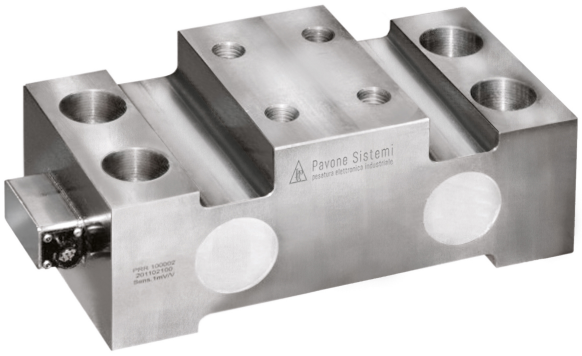
High Temperature load cell **PRR HT**

available with certification • EAC

General information

PWS13520260210

The PRR HT product, built in stainless steel, is a load cell for high temperatures. It is equipped with watertight protection for use in severe environmental conditions and can be customized on request. It has a low profile and it is suitable for hostile environments. The PRR HT cell has excellent linearity and precision characteristics, it is insensitive to side loads and withstands overloads of up to 500%. The PRR HT load cell is widely used in the iron and steel sector.



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

High Temperature load cell C2G1 HT

High Temperature load cell CMH HT

High Temperature load cell PSPRX HT

High Temperature load cell SB HT

PAVONE SISTEMI S.R.L.
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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 % DN
Ultimate sideload:	100 % RL
Material:	Stainless steel AISI 17-4PH
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 MOhm
Input resistance:	350 ±20 Ohm
Output resistance:	350 ±5 Ohm
Recommended input:	2 ÷ 15 V

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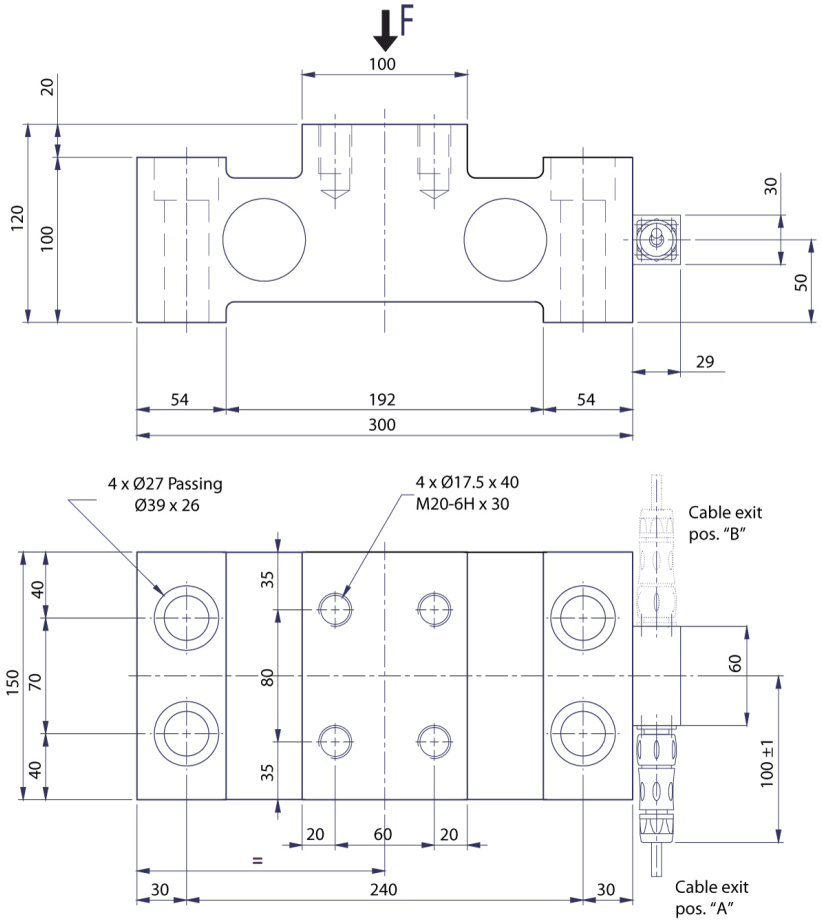

All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

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