Pin load cell **PSPRX**

General information

PWS5020261116

The PSPRX pin load cell is made of stainless steel and offers maximum resistance to impacts and overloads. The operation of the PSPRX load cell is double-ended shear beam. The PSPRX cell is insensitive to side loads and it has been designed for shooting, weighing or anti-overhead systems for overhead cranes. The PSPRX pin load cell can be customized and it has a "high temperature" version.



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

Tester 1008 TESTER 1008

Junction Box CGS4-C

Electronic Overload Guard LC 200

Electronic Overload Guard LC 300

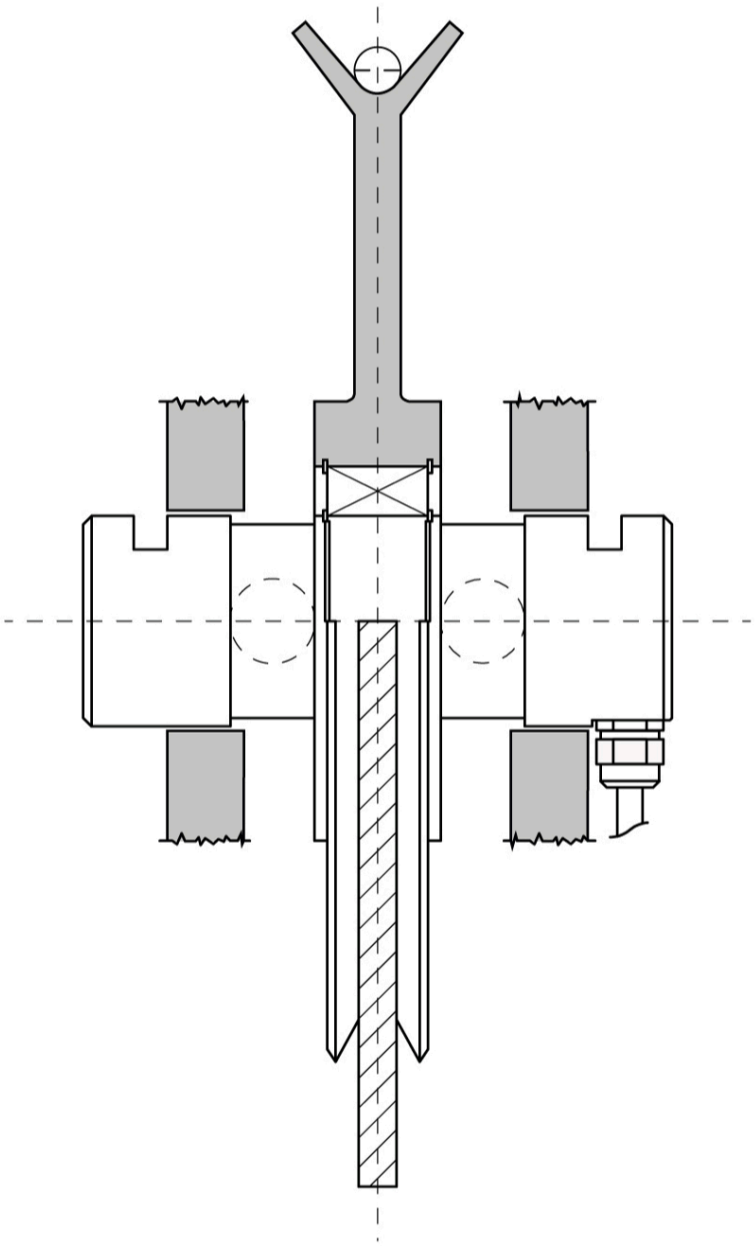
All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

Technical specifications

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Rated load (RL):	PRN 500 ÷ 4000 kg; PRX 5000 ÷ 100.000 kg
Combined error:	< ±0.1 % RO
Repeatability:	< ±0.02 % RO
Creep (20 minutes):	±0.03 % RO
Safe overload:	150 % RL
Ultimate overload:	300 % RL
Material:	Stainless steel
Degree of protection:	IP65
Deflection:	0.4 mm
Compensated Temperature:	-10 ÷ +50°C
Temperature range:	-20 ÷ +70°C
Temperature effect on zero balance:	< ±0.005 % RO/°C
Temperature effect on output:	< ±0.005 % RO/°C
Rated output RO:	1 mV/V ±0.1 %
Zero balance:	< ±2 % RO
Insulation resistance:	> 5000 MOhm
Input resistance:	700 ±20 Ohm
Output resistance:	700 ±10 Ohm
Recommended input:	5 ÷ 15 Vdc/ac

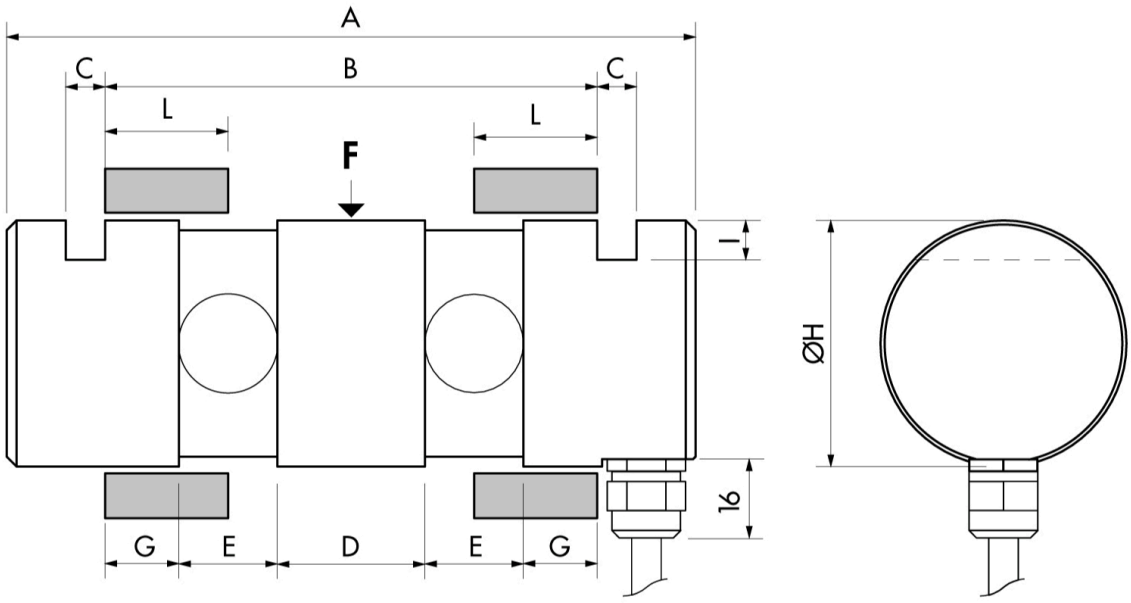
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Industrial Electronic Weighing Systems since 1963

Pin load cell **PSPRX**



MODEL	RATED LOAD (KG)	A	B	C	D	E	G	ØH	I
PRX (ex PRN)	500 - 4.000	116	80	6	20	20	10	30	6
PRX	5.000 - 20.000	140	100	8	30	20	15	50	8
PRX	30.000 - 60.000	290	220	20	100	30	30	80	15
PRX	80.000 - 100.000	305	235	20	115	30	30	100	15

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