



N PRC Single Point Loadcell

Description

- Capacity from 6 kg to 50 kg
- AISI 420 stainless steel
- Combined error = $\pm 0.02\%$
- Protection class IP67



Manufactured according to OIML R60 standards

Technical data

CAPACITY	kg		EAC	PLATFORM DIMENSION (mm)	NET WEIGHT OF LOAD CELL (kg)	CODE
6		•	•	350 x 350	0.4	PRC6
15		•	•	350 x 350	0.4	PRC15
30		•	•	350 x 350	0.4	PRC30
50		•	•	350 x 350	0.4	PRC50

ON REQUEST

Certifications

CERTIFICATIONS ON REQUEST



ATEX II 1GD (zone 0-1-2-20-21-22)

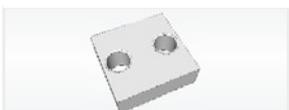


IECEX (zone 0-1-2-20-21-22)



Complies with the Eurasian Custom Union regulations (Russia, Belarus, Kazakhstan)

Complementary accessories



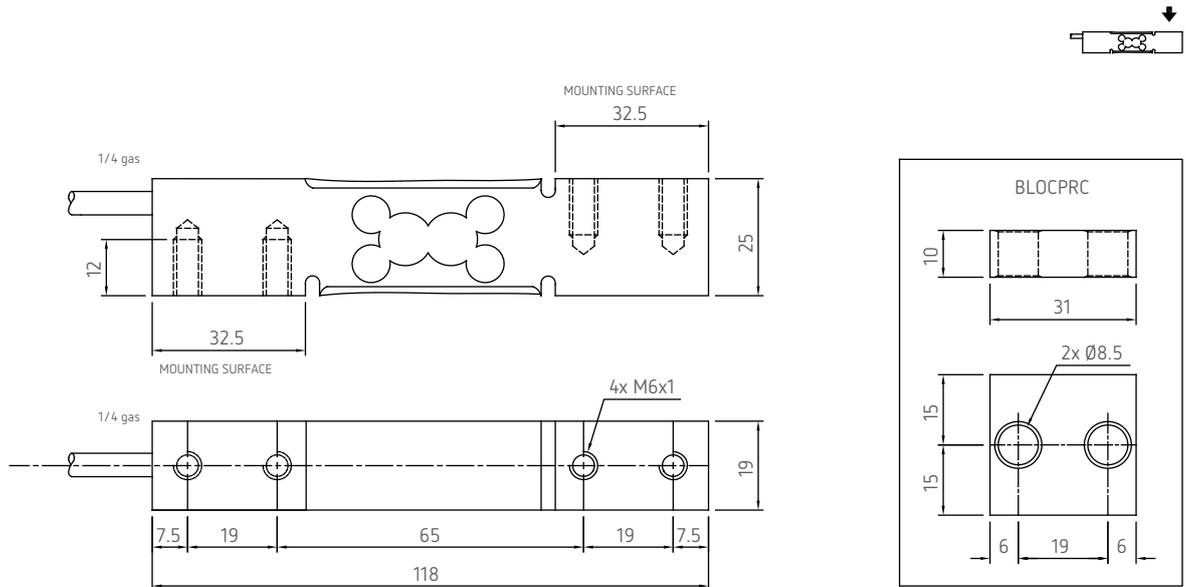
DESCRIPTION

Stainless steel drawn block.

CODE

BLOCPRC

DIMENSIONS (mm)



Technical features

Material	AISI 420 stainless steel		
Nominal load (E max)	6 - 15 - 30 - 50 kg		
Protection class	IP67		
Rated output	2 mV/V ±10%	Input resistance	380 Ω ±10
Temperature effect on zero	0.002% °C	Output resistance	350 Ω ±5
Temperature effect on span	0.002% °C	Zero balance	±1%
Compensated temperature range	-10 °C / +40 °C	Insulation resistance	>5000 MΩ
Operating temperature range	-20 °C / +60 °C	Safe overload (% of full scale)	150%
Creep at nominal load in 30 minutes	0.02%	Ultimate overload (% of full scale)	300%
Max supply voltage without damage	15 V	Deflection at nominal load	0.3 mm

Electrical connections

Cable length	3 m
Cable diameter	5 mm
Cores	4/6 x 0.20 mm ²

