PRC

SINGLE-POINT LOAD CELL for platforms 350x350 mm

Manufactured according to OIML R60 standards

Capacity from 6 kg to 50 kg



- AISI 420 STAINLESS STEEL
- COMBINED ERROR ≤ ±0.02%
- IP67 PROTECTION RATING

CAPACITY kg	PLATFORM (mm)	NET WEIGHT (kg)
6	350 x 350	0.4
15	350 x 350	0.4
30	350 x 350	0.4
50	350 x 350	0.4

CERTIFICATIONS

Complies with the Eurasian Customs Union regulations

Equivalent of the CE marking for the United Kingdom

CERTIFICATIONS ON REQUEST
Calibration report
ATEX *(zone 2-22)*
Complies with the Eurasian Customs Union regulations for use in potentially explosive atmospheres
Complies with Chinese market regulations for use in potentially explosive atmospheres

COMPLEMENTARY ACCESSORIES

	DESCRIPTION	MODEL
	Stainless steel drawn block.	BLOCPRC

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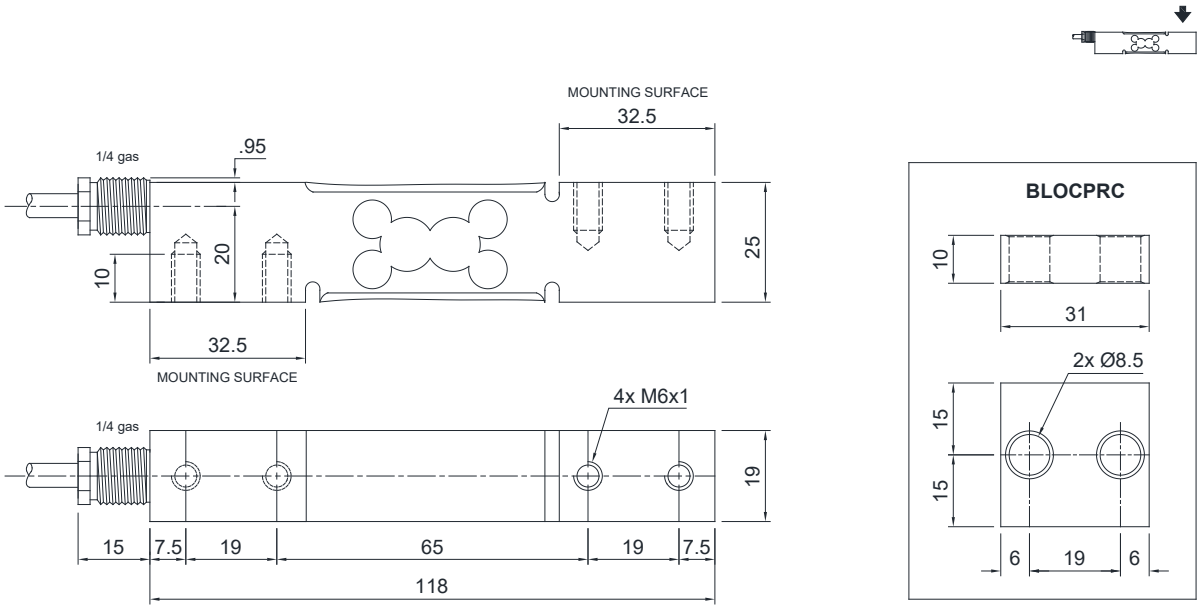
ISO 9001
ISO 14001

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LAUMAS®

DIMENSIONS (mm)



For the load cell fixing screws, provide the tightening torque indicated in the table

Screw	M6	
Screw class	6.8	8.8
Tightening torque	7.5 Nm	10 Nm

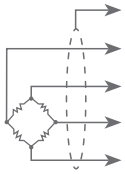
TECHNICAL FEATURES

Material	AISI 420 stainless steel
Nominal load (E max)	6 - 15 - 30 - 50 kg
Combined error	≤ ±0.02%
Protection rating	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	6 x 0.20 mm²



SHIELD	
+ SIGNAL	GREEN
+ EXCITATION + REF./SENSE	RED BLUE
- SIGNAL	WHITE
- EXCITATION - REF./SENSE	BLACK YELLOW

The Company reserves the right to make changes to the technical data, drawings and images without notice.

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