



Manufactured according to OIML R60 standards

Capacity from 6 kg to 50 kg



- AISI 420 STAINLESS STEEL
- COMBINED ERROR $\leq \pm 0.02\%$
- PROTECTION CLASS IP67

CAPACITY	kg	IECEx	Ex	EAC	PLATFORM (mm)	NET WEIGHT (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



Complies with the Eurasian Customs Union standards

CERTIFICATIONS ON REQUEST



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

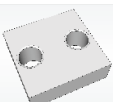


IECEx (zone 0-1-2-20-21-22)



Complies with the Eurasian Customs Union standards for use in potentially explosive atmospheres

COMPLEMENTARY ACCESSORIES

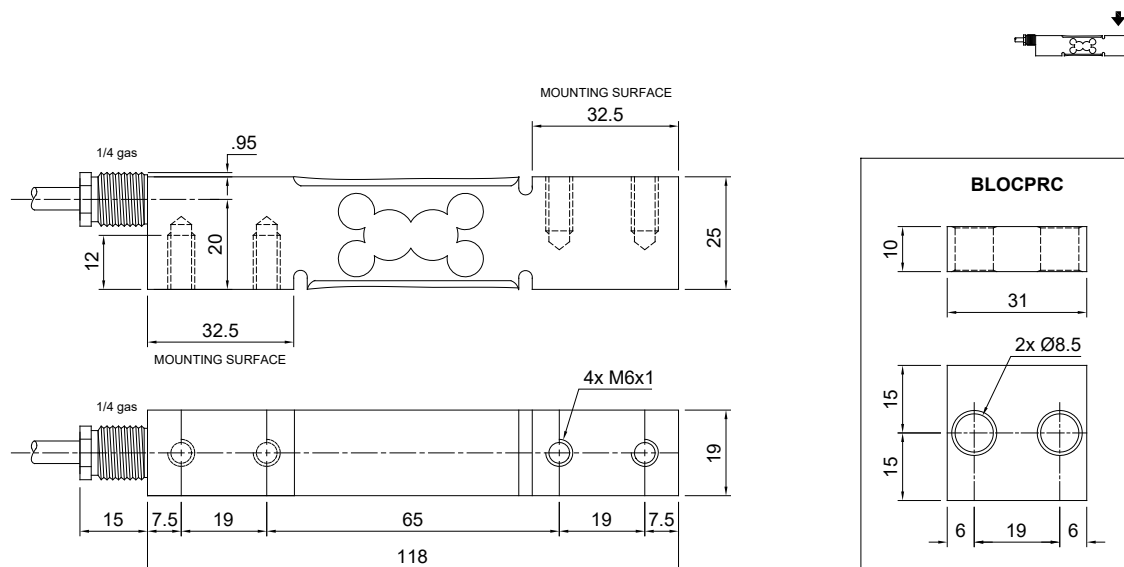
	DESCRIPTION	CODE
	Stainless steel drawn block.	BLOCPRC

PRC

SINGLE-POINT LOAD CELL for platforms 350x350 mm

LAUMAS®

DIMENSIONS (mm)

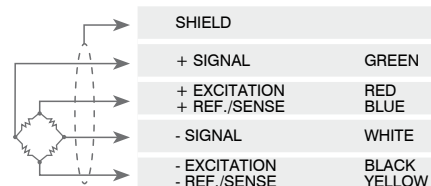


TECHNICAL FEATURES

Material	AISI 420 stainless steel		
Nominal load (E max)	6 - 15 - 30 - 50 kg		
Combined error	$\leq \pm 0.02\%$		
Protection class	IP67		
Rated output	2 mV/V $\pm 10\%$	Input resistance	380 $\Omega \pm 10$
Temperature effect on zero	0.002% $^{\circ}\text{C}$	Output resistance	350 $\Omega \pm 5$
Temperature effect on span	0.002% $^{\circ}\text{C}$	Zero balance	$\pm 1\%$
Compensated temperature range	-10 $^{\circ}\text{C}$ / +40 $^{\circ}\text{C}$	Insulation resistance	>5000 M Ω
Operating temperature range	-20 $^{\circ}\text{C}$ / +60 $^{\circ}\text{C}$	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 mm ²



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