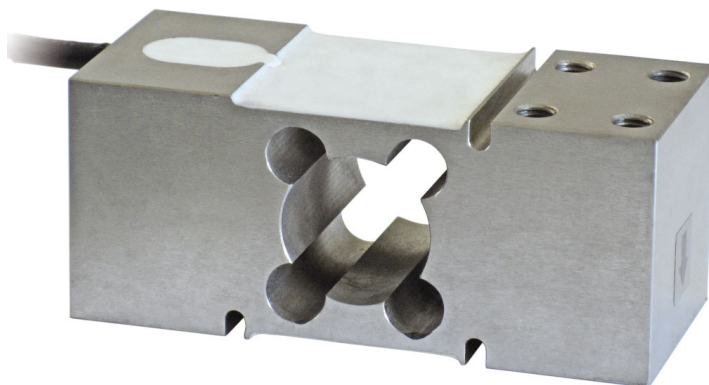




Manufactured according to OIML R60 standards

Capacity from 75 kg to 500 kg



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

CAPACITY	kg	PLATFORM (mm)	NET WEIGHT (kg)
	75	600 x 600	1.8
	150	600 x 600	1.8
	300	600 x 600	2
	500	600 x 600	2

CERTIFICATIONS



Complies with the Eurasian Customs Union regulations



Equivalent of the CE marking for the United Kingdom

CERTIFICATIONS ON REQUEST

Calibration report



ATEX II 1G 2D (zone 0-1-2-21-22) (CE - UKCA)



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

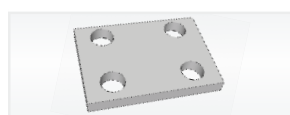


Complies with the Eurasian Customs Union regulations for use in potentially explosive atmospheres



Complies with Chinese market regulations for use in potentially explosive atmospheres

COMPLEMENTARY ACCESSORIES



DESCRIPTION

Stainless steel drawn block.

CODE

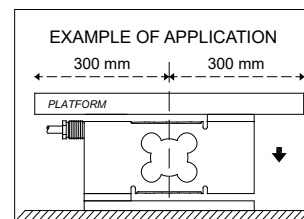
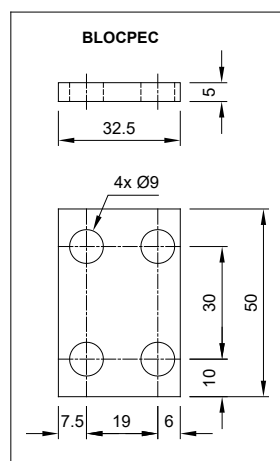
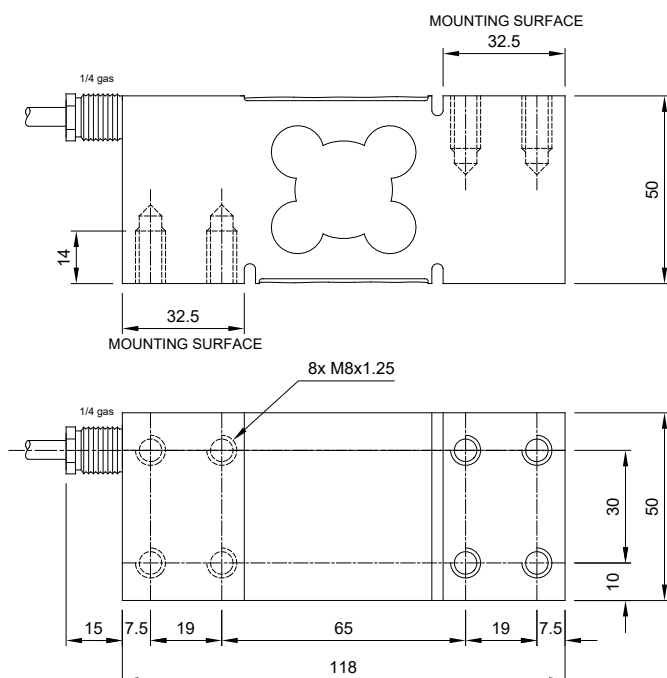
BLOCPEC

PEC

SINGLE-POINT LOAD CELL for platforms 600x600 mm

LAUMAS®

DIMENSIONS (mm)



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

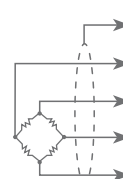
Screw	M8	
Screw class	6.8	8.8
Tightening torque	19 Nm	25 Nm

TECHNICAL FEATURES

Material	AISI 420 stainless steel		
Nominal load (E max)	75 - 150 - 300 - 500 kg		
Combined error	$\leq \pm 0.02\%$		
Protection rating	IP67		
Rated output	2 mV/V $\pm 10\%$	Input resistance	385 $\Omega \pm 30$
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



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