



Manufactured according to OIML R60 standards

Capacity from 6 kg to 50 kg



- AISI 420 STAINLESS STEEL
- COMBINED ERROR  $\leq \pm 0.02\%$
- 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 II 1G 2D (zone 0-1-2-21-22) (CE - UKCA)



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

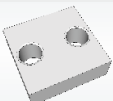


Complies with the Eurasian Customs Union regulations for use in potentially explosive atmospheres

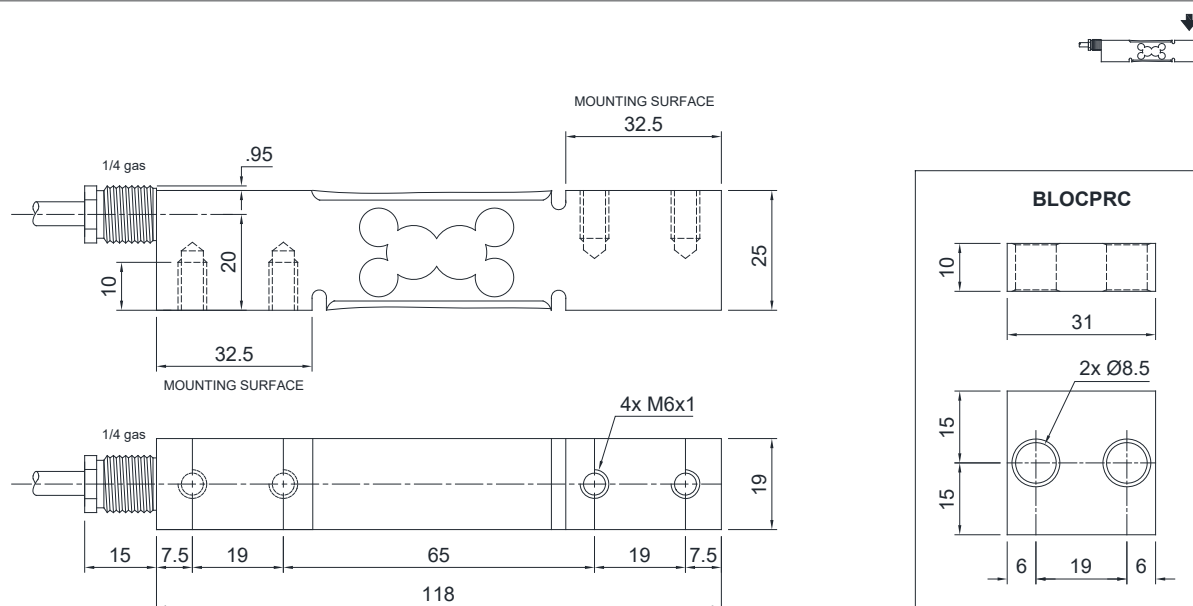


Complies with Chinese market regulations for use in potentially explosive atmospheres

### COMPLEMENTARY ACCESSORIES

	DESCRIPTION	CODE
	Stainless steel drawn block.	BLOCPRC

### 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	$\leq \pm 0.02\%$		
Protection rating	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 $\Omega$
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 <sup>2</sup>

