



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

EAC Complies with the Eurasian Customs Union regulations

UK CA Equivalent of the CE marking for the United Kingdom

CERTIFICATIONS ON REQUEST

Calibration report

Ex ATEX (zone 2-22)

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

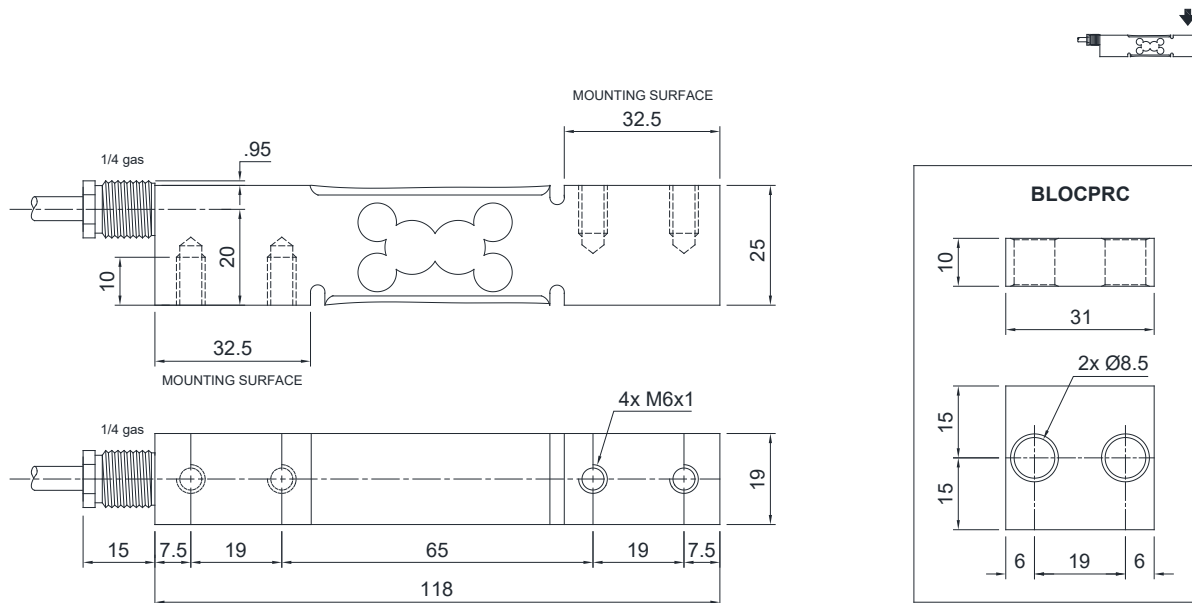
Ex NEPSA Complies with Chinese market regulations for use in potentially explosive atmospheres

COMPLEMENTARY ACCESSORIES

| | DESCRIPTION | CODE |
|--|------------------------------|---------|
| | Stainless steel drawn block. | BLOCPRC |

SINGLE-POINT LOAD CELL for platforms 350x350 mm

DIMENSIONS (mm)



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

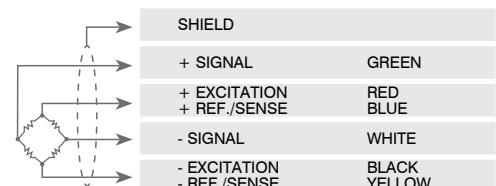
| Screw | M6 | |
|-------------------|--------|-------|
| Screw class | 6.8 | 8.8 |
| Tightening torque | 7.5 Nm | 10 Nm |

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 mm ² |



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