



Manufactured according to OIML R60 standards

Capacity from 30000 kg to 250000 kg

- 17-4 PH STAINLESS STEEL
- COMBINED ERROR $\leq \pm 0.1\%$
- IP68 PROTECTION RATING



| CAPACITY | kg | Ø INTERNAL | Ø EXTERNAL | NET WEIGHT (kg) |
|----------|----|------------|------------|-----------------|
| 30000 | | 50 mm | 163 mm | 5 |
| 50000 | | 50 mm | 163 mm | 5 |
| 75000 | | 50 mm | 163 mm | 5 |
| 50000 | | 75 mm | 163 mm | 5 |
| 75000 | | 75 mm | 163 mm | 5 |
| 75000 | | 120 mm | 229 mm | 9 |
| 100000 | | 120 mm | 229 mm | 9 |
| 125000 | | 120 mm | 229 mm | 9 |
| 125000 | | 165 mm | 275 mm | 14 |
| 150000 | | 165 mm | 275 mm | 14 |
| 180000 | | 165 mm | 275 mm | 14 |
| 180000 | | 225 mm | 320 mm | 20 |
| 250000 | | 225 mm | 320 mm | 20 |

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 II 1G 2D (zone 0-1-2-21-22) (CE - **UK CA**)

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

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

- Ex-NEPSY** Complies with Chinese market regulations for use in potentially explosive atmospheres

OPTIONS ON REQUEST

DESCRIPTION



Two redundant strain gauges Wheatstone bridges (350 Ω) with two output cables; for dual safety systems.

COMPLEMENTARY ACCESSORIES

DESCRIPTION

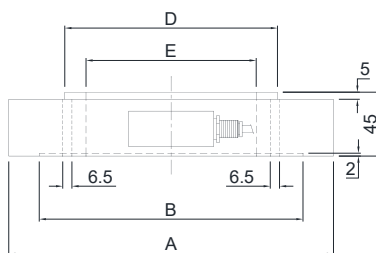
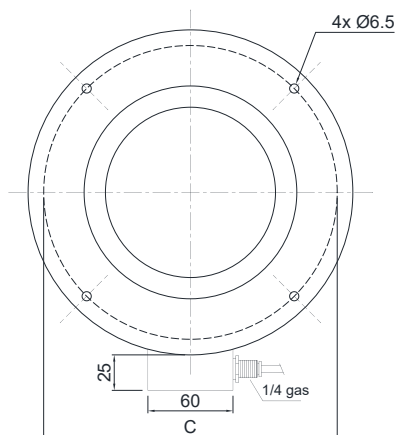
CODE



Galvanized steel plates for load distribution.

PIAS

TECHNICAL FEATURES - DIMENSIONS

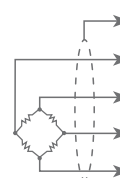


| | 300000 - 75000 kg | 50000 - 75000 kg | 75000 - 125000 kg | 125000 - 180000 kg | 180000 - 250000 kg |
|----|-------------------|------------------|-------------------|--------------------|--------------------|
| A | 163 | 163 | 229 | 275 | 320 |
| B | 131.5 | 131.5 | 186.5 | 231 | 285 |
| C | 145 | 145 | 207 | 252 | 302 |
| D | 95 | 95 | 150 | 195 | 250 |
| E | 50 | 75 | 120 | 165 | 225 |
| kg | 5 | 5 | 9 | 14 | 20 |

| | | | |
|-------------------------------------|---|-------------------------------------|---------------------|
| Material | 17-4 PH stainless steel | | |
| Nominal load (E max) | 30000 - 50000 - 75000 - 100000 - 125000 - 150000 - 180000 - 250000 kg | | |
| Combined error | $\leq \pm 0.1\%$ | | |
| Protection rating | IP68 | | |
| Rated output | 2 mV/V $\pm 0.1\%$ | Input resistance | 700 $\Omega \pm 20$ |
| Temperature effect on zero | 0.005% $^{\circ}\text{C}$ | Output resistance | 700 $\Omega \pm 5$ |
| Temperature effect on span | 0.005% $^{\circ}\text{C}$ | Zero balance | $\pm 1\%$ |
| Compensated temperature range | -20 $^{\circ}\text{C}$ / +70 $^{\circ}\text{C}$ | Insulation resistance | >5000 M Ω |
| Operating temperature range | -30 $^{\circ}\text{C}$ / +90 $^{\circ}\text{C}$ | Safe overload (% of full scale) | 150% |
| Creep at nominal load in 30 minutes | 0.03% | Ultimate overload (% of full scale) | 300% |
| Max supply voltage without damage | 15 V | Deflection at nominal load | 0.4 mm |

ELECTRICAL CONNECTIONS

| | |
|----------------|--------------------------|
| Cable length | 5 m |
| Cable diameter | 5 mm |
| Cores | 6 x 0.14 mm ² |



SHIELD

| | |
|---------------------------|-------------|
| + SIGNAL | GREEN |
| + EXCITATION + REF./SENSE | RED BLUE |
| - SIGNAL | WHITE |
| - EXCITATION - REF./SENSE | BLACK BROWN |