



Manufactured according to OIML R60 standards

Capacity from 30000 kg to 100000 kg



Capacity 250000 kg



- 17-4 PH STAINLESS STEEL
- HOLES FOR STANDARD SHACKLES
- COMBINED ERROR $\leq \pm 0.08\%$
- IP67 - IP68 PROTECTION RATING

| CAPACITY | kg | NET WEIGHT (kg) |
|----------|--------|-----------------|
| | 30000 | 11 |
| | 40000 | 11 |
| | 50000 | 11 |
| | 60000 | 11 |
| | 100000 | 22 |
| | 250000 | 64 |

CERTIFICATIONS

EAC Complies with the Eurasian Customs Union regulations

UK Equivalent of the CE marking for the United Kingdom

CERTIFICATIONS ON REQUEST

Calibration report

Ex ATEX (zone 2-22)

Ex IECEx ATEX/IECEx (zone 1-21)

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

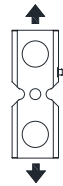
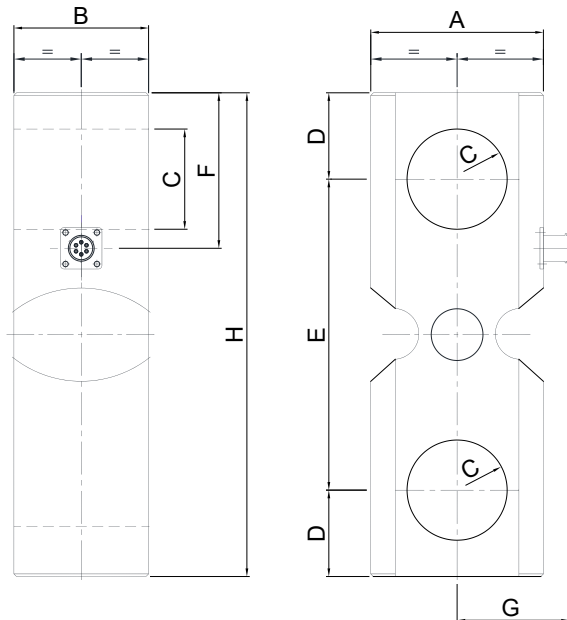
OPTIONS ON REQUEST

DESCRIPTION



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

DIMENSIONS (mm)



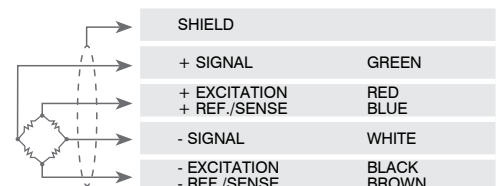
| | kg 30000 kg 40000 kg 50000 kg 60000 | kg 100000 | kg 250000 |
|----------|--|-----------|-----------|
| A | 100 | 127 | 240 |
| B | 78 | 88 | 110 |
| C | Ø 58 | Ø 71 | Ø 102 |
| D | 50 | 70 | 120 |
| E | 180 | 200 | 360 |
| F | 90 | 120 | 185 |
| G | 65 | 68 | 136 |
| H | 280 | 340 | 600 |

TECHNICAL FEATURES

| | | | |
|-------------------------------------|--|-------------------------------------|-----------|
| Material | 17-4 PH stainless steel | | |
| Nominal load (E max) | 30000 - 40000 - 50000 - 60000 - 100000 - 250000 kg | | |
| Combined error | ≤ ±0.08% | | |
| Protection rating | IP68 (30000 - 100000 kg), IP67 (250000 kg) | | |
| Rated output | 1.0 mV/V ±0.1% | Input resistance | 350 Ω ±20 |
| Temperature effect on zero | 0.005% °C | Output resistance | 350 Ω ±5 |
| Temperature effect on span | 0.005% °C | Zero balance | ±1% |
| Compensated temperature range | -20 °C / +70 °C | Insulation resistance | >5000 MΩ |
| Operating temperature range | -30 °C / +90 °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 | 0.3 mm |

ELECTRICAL CONNECTIONS

| | |
|----------------|--------------------------|
| Cable length | 10 m |
| Cable diameter | 6 mm |
| Cores | 6 x 0.14 mm ² |



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