

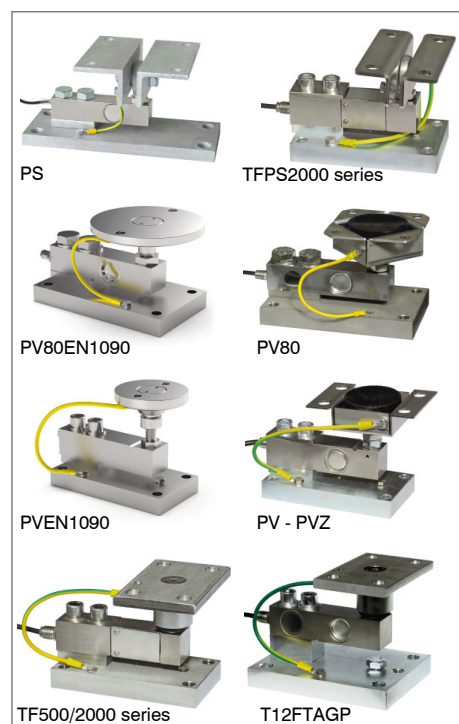


Capacity from 500 kg to 5000 kg



- 17-4 PH STAINLESS STEEL
- COMBINED ERROR $\leq \pm 0.02\%$
- IP67 PROTECTION RATING

MOUNTING KITS



| CAPACITY | kg | ACCURACY CLASS C3 | | NET WEIGHT (kg) |
|----------|----|----------------------|---|-----------------|
| 500 | | • | • | 0.9 |
| 1000 | | • | • | 0.9 |
| 2000 | | • | • | 0.9 |
| 5000 | | • | • | 1.5 |

CERTIFICATIONS



OIML R60 C3



Complies with the Eurasian Customs Union regulations



Equivalent of the CE marking for the United Kingdom



Complies with United Kingdom regulations for legal for trade use

CERTIFICATIONS ON REQUEST

Calibration report

LAT Accredia calibration certificate ISO 376 or ASTM E74 for capacities from 1000 kg to 10000 kg



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

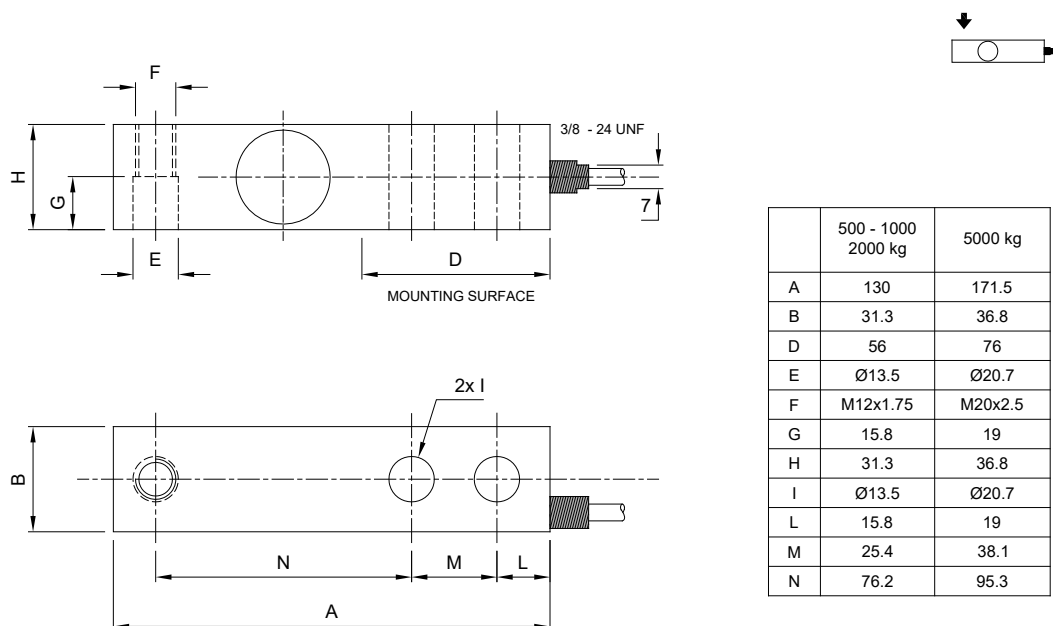


FM HazLoc - Complies with the United States and Canada regulations for use in potentially explosive atmospheres



Complies with Chinese market regulations for use in potentially explosive atmospheres

DIMENSIONS (mm)



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

| Screw | M12 | | M20 | |
|-------------------|-------|-------|--------|--------|
| Screw class | 6.8 | 8.8 | 6.8 | 8.8 |
| Tightening torque | 50 Nm | 79 Nm | 290 Nm | 400 Nm |

TECHNICAL FEATURES

| | | | |
|--|-------------------------|--|--------------|
| Material | 17-4 PH stainless steel | | |
| OIML R60 Accuracy class • Verification intervals | C3 • 3000 | | |
| Nominal load (E max) | 500 - 1000 - 2000 kg | | 5000 kg |
| Minimum verification interval (V min) | E max / 7500 | | E max / 9000 |
| Combined error | ≤ ± 0.02% | | |
| Protection rating | IP67 | | |

| | | | |
|-------------------------------------|-----------------|-------------------------------------|------------|
| Rated output | 3 mV/V ±0.27% | Input resistance | 350 Ω ±3.5 |
| Temperature effect on zero | 0.0018% °C | Output resistance | 350 Ω ±3.5 |
| Temperature effect on span | 0.0014% °C | Zero balance | ≤ ±1% |
| Compensated temperature range | -10 °C / +40 °C | Insulation resistance | >5000 MΩ |
| Operating temperature range | -35°C / +65°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 | 18 V | Deflection at nominal load | 0.4 mm |

ELECTRICAL CONNECTIONS

| | |
|----------------|--------------|
| Cable length | 6 m |
| Cable diameter | 5 mm |
| Cores | 4 x 0.20 mm² |

