

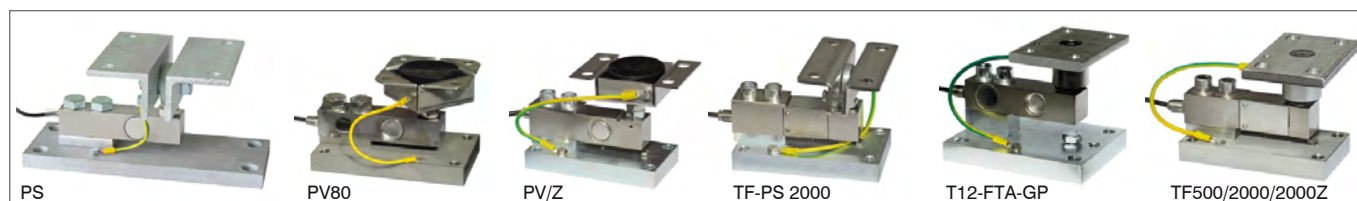


Capacity from 500 kg to 5000 kg



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

MOUNTING KITS



| CAPACITY | kg | ACCURACY CLASS | OIML | IECEx | Ex | EAC | NET WEIGHT OF LOAD CELL (kg) | CODE |
|----------|----|----------------|------|-------|----|-----|------------------------------|---------|
| 500 | | C3 | • | • | • | | 0.9 | FTZ500 |
| 1000 | | C3 | • | • | • | | 0.9 | FTZ1000 |
| 2000 | | C3 | • | • | • | | 0.9 | FTZ2000 |
| 5000 | | C3 | • | • | • | | 1.5 | FTZ5000 |

ON REQUEST

CERTIFICATIONS

OIML R60 C3

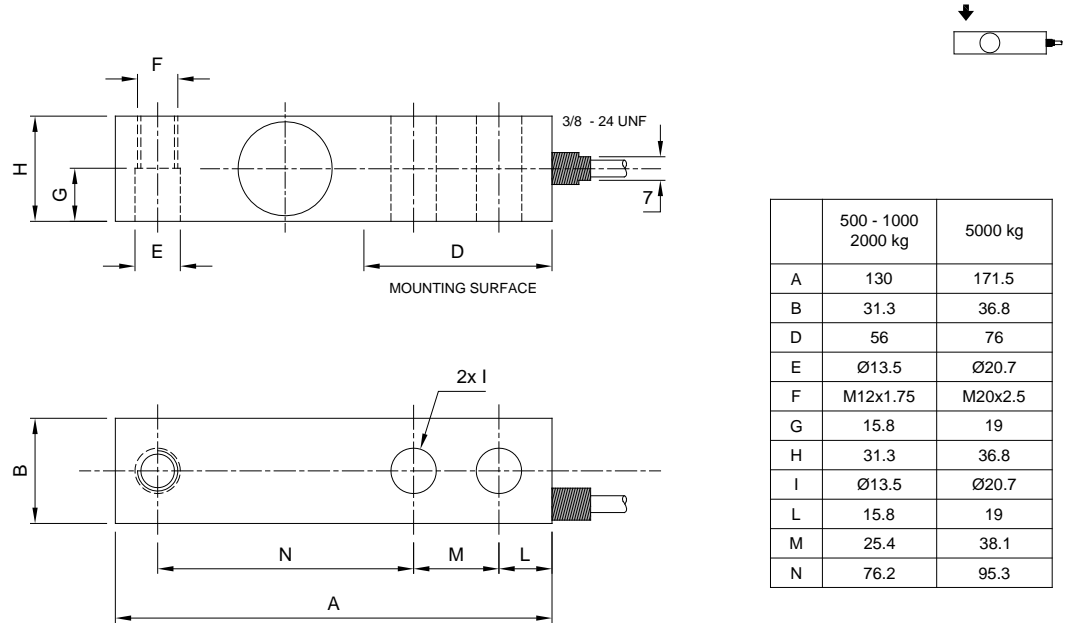
CERTIFICATIONS ON REQUEST

ATEX II 1GD (zone 0-1-2-20-21-22)

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

Complies with the Eurasian Custom Union regulations (Russia, Belarus, Kazakhstan)

DIMENSIONS (mm)



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 class | 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 | 5 m |
| Cable diameter | 5 mm |
| Cores | 4 x 0.20 mm ² |

