

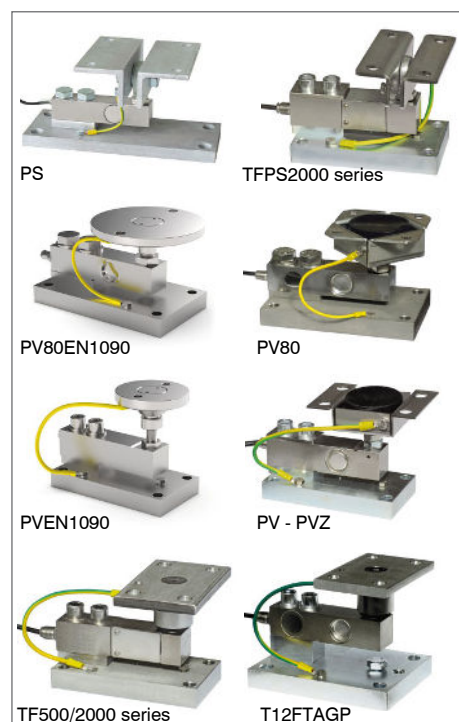


Capacity from 500 kg to 5000 kg



- 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

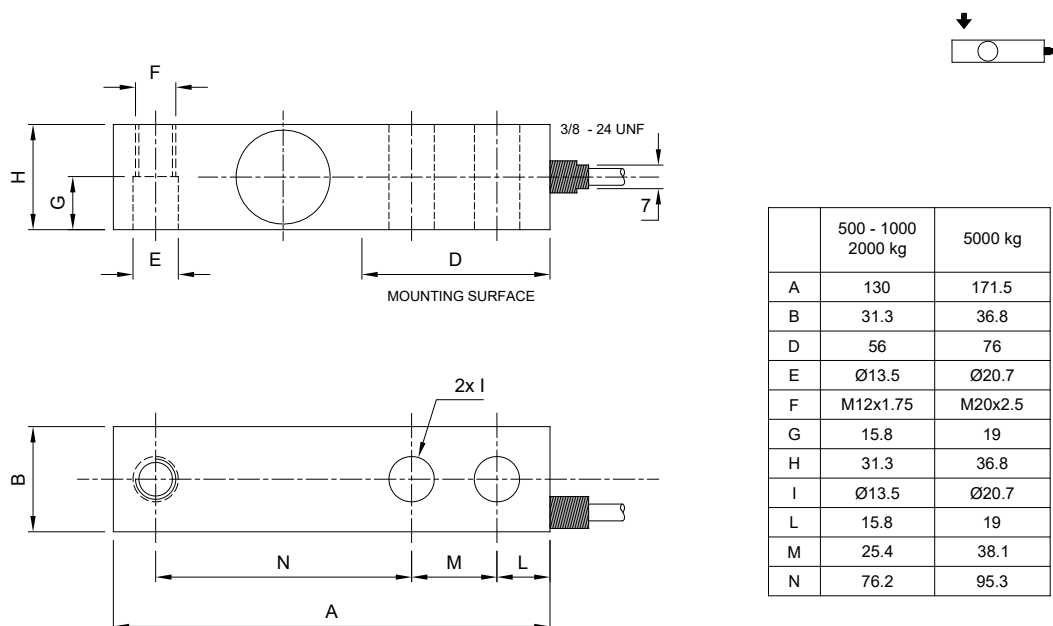


FM HazLoc - Complies with the United States and Canada regulations for use in potentially explosive atmospheres



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

