

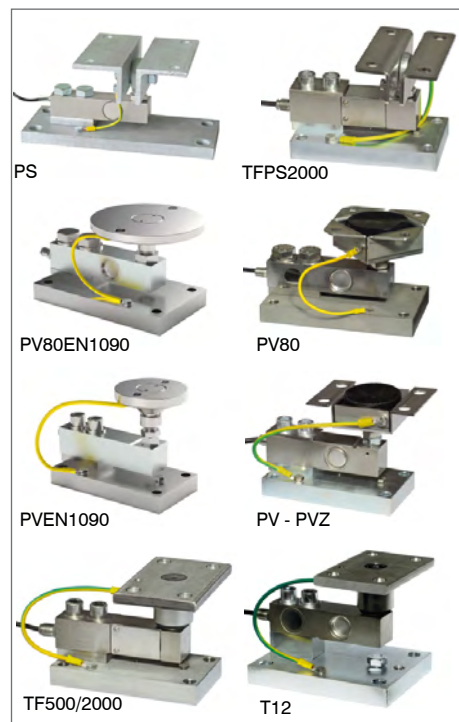


Capacity from 500 kg to 5000 kg



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

### MOUNTING KITS



CAPACITY	kg	ACCURACY CLASS C3		NET WEIGHT (kg)	CODE
500		•	•	0.9	FTZ500
1000		•	•	0.9	FTZ1000
2000		•	•	0.9	FTZ2000
5000		•	•	1.5	FTZ5000

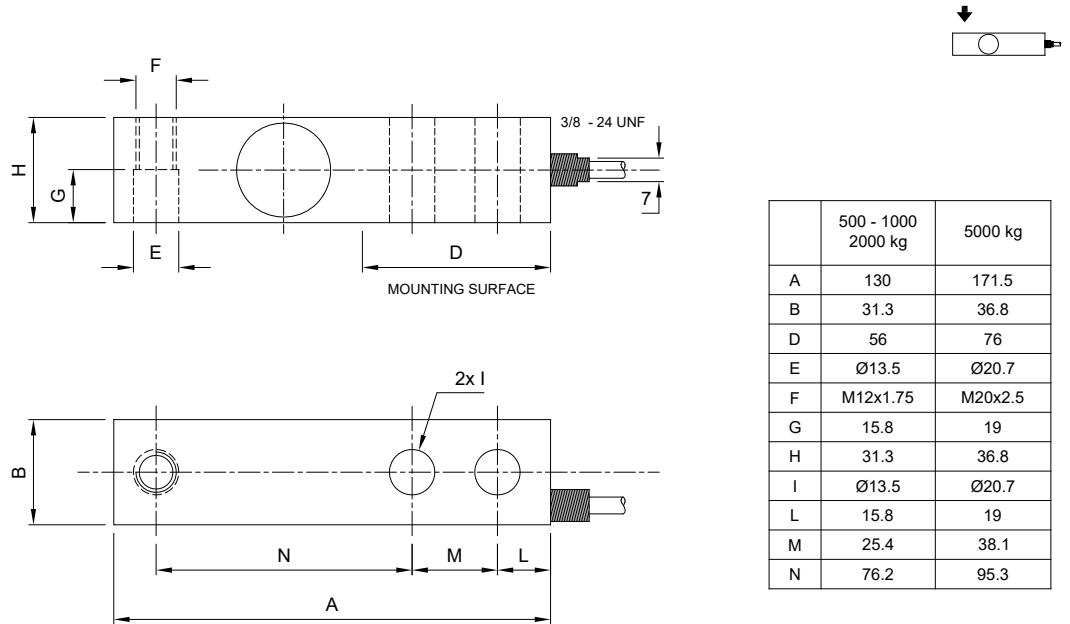
### CERTIFICATIONS

- OIML R60 C3
- Complies with the Eurasian Customs Union standards
- Equivalent of the CE marking for the United Kingdom
- Complies with United Kingdom regulations for legal for trade use

#### CERTIFICATIONS ON REQUEST

- ATEX II 1GD (zone 0-1-2-20-21-22) ( - )
- IECEx (zone 0-1-2-20-21-22)
- Complies with the Eurasian Customs Union standards 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	
	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 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	6 m
Cable diameter	5 mm
Cores	4 x 0.20 mm <sup>2</sup>

