



BENDING BEAM: capacity from 75 kg to 300 kg

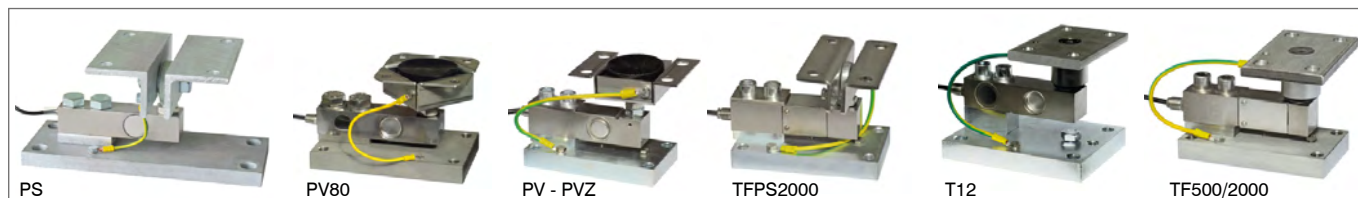


SHEAR BEAM: capacity from 500 kg to 10000 kg



- AISI 420 STAINLESS STEEL
- COMBINED ERROR $\leq \pm 0.02\%$
- PROTECTION CLASS IP67 - IP68

MOUNTING KITS



CAPACITY	kg	ACCURACY CLASS C3	IECEx	Ex	EAC	NET WEIGHT (kg)	CODE
75		•	•	•	•	0.9	FTP75
150		•	•	•	•	0.9	FTP150
300		•	•	•	•	0.9	FTP300
500		•	•	•	•	0.9	FTP500
750		•	•	•	•	0.9	FTP750
1000		•	•	•	•	0.9	FTP1000
1500		•	•	•	•	0.9	FTP1500
2000		•	•	•	•	0.9	FTP2000
3000		—	•	•	•	1.6	FTP3000
5000		—	•	•	•	1.6	FTP5000
10000		—	•	•	•	3.8	FTP10000

ON REQUEST

CERTIFICATIONS



OIML R60 C3



Complies with the Eurasian Custom Union standards

CERTIFICATIONS ON REQUEST



Declaration of conformity + IP69K marking protection rating

Water protection in case of high-pressure or steam jet cleaning (test: pressurized water is sprayed from a distance of max 150 mm)
Water pressure: 100 bar; temperature: 80 °C; test duration: 250 seconds (reference standard: DIN 40050-9)



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

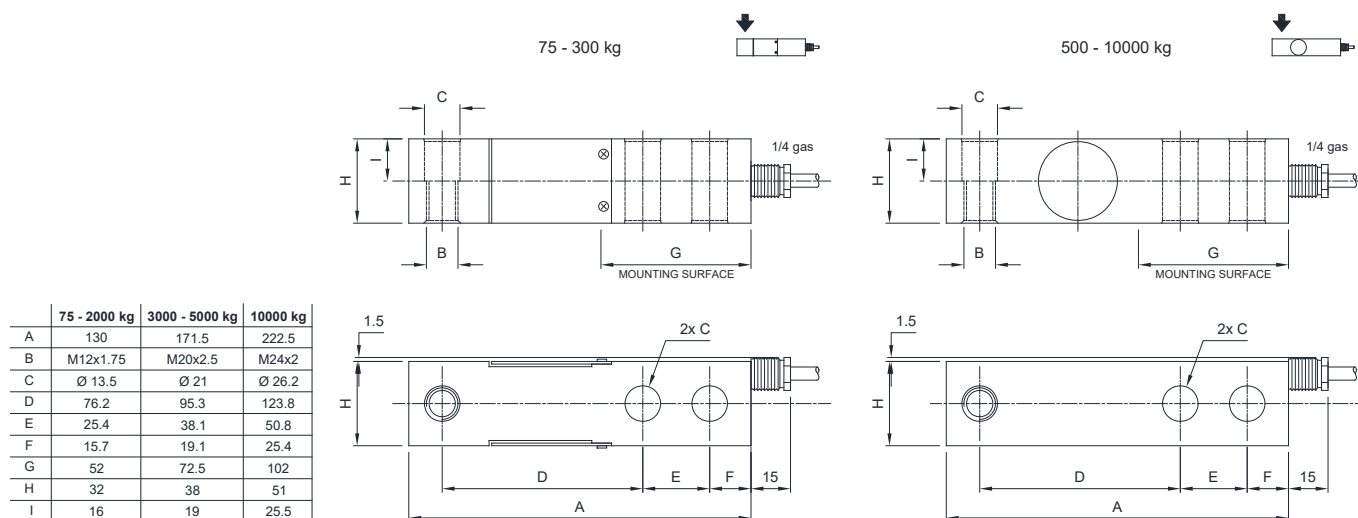


IECEx (zone 0-1-2-20-21-22)



Complies with the Eurasian Custom Union standards for use in potentially explosive atmospheres

DIMENSIONS (mm)



TECHNICAL FEATURES

Material	AISI 420 stainless steel	
OIML R60 Accuracy class • Verification intervals	C3 • 3000	-
Nominal load (E max)	75 -150 - 300 - 500 kg 1000 - 1500 - 2000 kg	3000 - 5000 - 10000 kg
Minimum verification interval (V min)	E max / 15000	-
Combined error	$\leq \pm 0.02\%$	
Protection class	IP67 (75 - 300 kg), IP68 (500 - 10000 kg)	
Input resistance	$385 \Omega \pm 10$	$400 \Omega \pm 15$
Output resistance	$350 \Omega \pm 3$	$350 \Omega \pm 5$

Rated output	2 mV/V $\pm 0.1\%$	Max supply voltage without damage	15 V
Temperature effect on zero	0.002% °C	Zero balance	$\pm 2\%$
Temperature effect on span	0.0012% °C	Insulation resistance	$\geq 5000 \text{ M}\Omega$
Compensated temperature range	-10 °C / +40 °C	Safe overload (% of full scale)	150%
Operating temperature range	-20 °C / +70 °C	Ultimate overload (% of full scale)	200%
Creep at nominal load in 30 minutes	0.03%	Deflection at nominal load	0.4 mm

ELECTRICAL CONNECTIONS

Cable length	5 m (75-5000 kg); 10 m (10000 kg)
Cable diameter	5 mm
Cores	6 x 0.25 mm ²

	SHIELD	
	+ SIGNAL	GREEN
	+ EXCITATION + REF./SENSE	RED BLUE
	- SIGNAL	WHITE
	- EXCITATION - REF./SENSE	BLACK YELLOW

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