



BENDING BEAM: capacity from 75 kg to 300 kg



SHEAR BEAM: capacity from 500 kg to 5000 kg



- SPECIAL 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	75	—	•	•	•	1	FTK75
150	150	—	•	•	•	1	FTK150
300	300	—	•	•	•	1	FTK300
500	500	—	•	•	•	1	FTK500
1000	1000	•	•	•	•	1.1	FTK1000
2000	2000	•	•	•	•	1.1	FTK2000
3000	3000	•	•	•	•	1.1	FTK3000
5000	5000	•	•	•	•	1.1	FTK5000

ON REQUEST

CERTIFICATIONS



OIML R60 C3



Complies with the Eurasian Custom Union standards

CERTIFICATIONS ON REQUEST



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

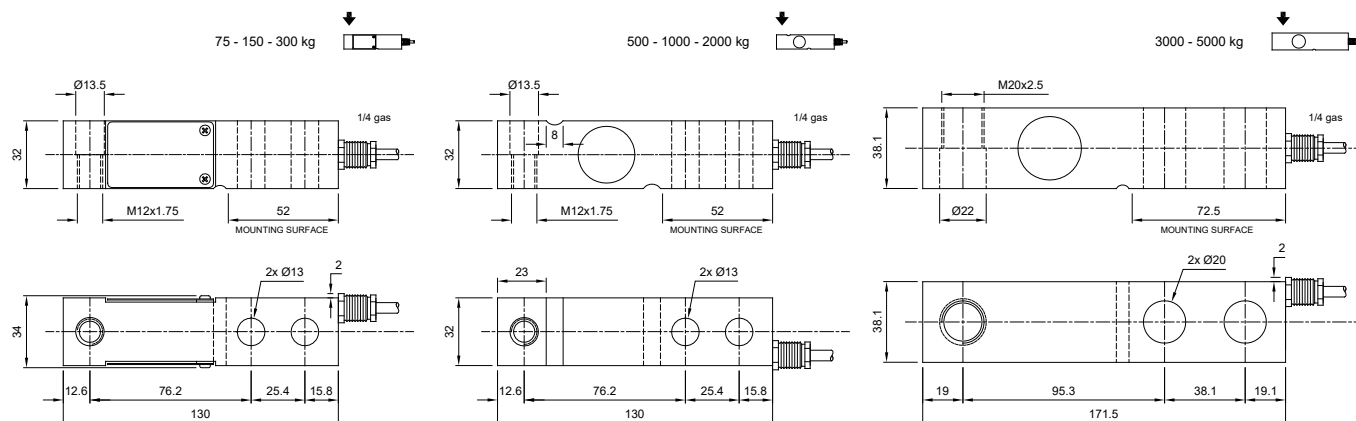


IECEx (zone 0-1-2-20-21-22)



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

DIMENSIONS (mm)



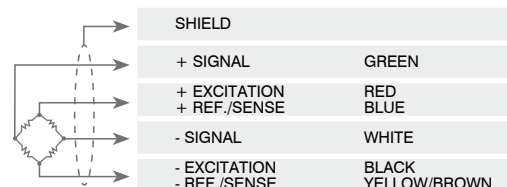
TECHNICAL FEATURES

Material	Special steel	
OIML R60 Accuracy class • Verification intervals	-	C3 • 3000
Nominal load (E max)	75 - 150 - 300 - 500 kg	1000 - 2000 - 3000 - 5000 kg
Minimum verification interval (V min)	-	E max / 12000
Combined error	$\leq \pm 0.02\%$	
Protection class	IP67 (75 - 300 kg), IP68 (500 - 5000 kg)	

Rated output	2 mV/V $\pm 0.1\%$	Input resistance	400 $\Omega \pm 10$
Temperature effect on zero	0.002% $^{\circ}\text{C}$	Output resistance	352 $\Omega \pm 2$
Temperature effect on span	0.0012% $^{\circ}\text{C}$	Zero balance	$\pm 2\%$
Compensated temperature range	-10 $^{\circ}\text{C}$ / +40 $^{\circ}\text{C}$	Insulation resistance	$\geq 5000 \text{ M}\Omega$
Operating temperature range	-20 $^{\circ}\text{C}$ / +70 $^{\circ}\text{C}$	Safe overload (% of full scale)	150%
Creep at nominal load in 30 minutes	0.03%	Ultimate overload (% of full scale)	250%
Max supply voltage without damage	15 V	Deflection at nominal load	0.6 mm

ELECTRICAL CONNECTIONS

Cable lenght	6 m
Cable diameter	5 mm
Cores	6 x 0.24 mm ²



COMPLEMENTARY ACCESSORIES

DESCRIPTION	CODE
 Special steel plate.	PIASTRINO

The Company reserves the right to make changes to the technical data, drawings and images without notice.