



Capacity from 50 kg to 300 kg

- 17-4 PH STAINLESS STEEL
- COMBINED ERROR $\leq \pm 0.017\%$
- PROTECTION CLASS IP68



MOUNTING KITS



CAPACITY	kg	ACCURACY CLASS C3			ERC	ERC	NET WEIGHT (kg)	CODE
50		•	•	•	•	•	0.5	FCAL50
75		•	•	•	•	•	0.5	FCAL75
150		•	•	•	•	•	0.5	FCAL150
300		•	•	•	•	•	0.5	FCAL300

ON REQUEST

CERTIFICATIONS

- OIML R60 C3
- Complies with the Eurasian Custom Union standards

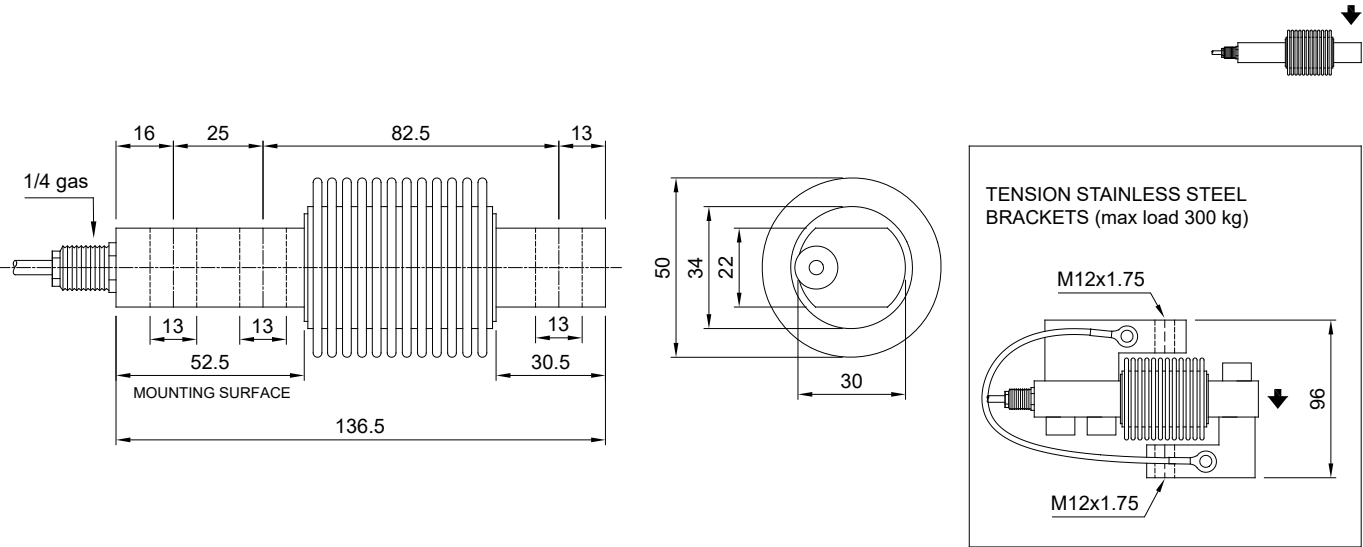
CERTIFICATIONS ON REQUEST

- 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

COMPLEMENTARY ACCESSORIES

	DESCRIPTION	CODE
	Pair of tension stainless steel brackets. Maximum static load: 300 kg	STAFFEFCA

DIMENSIONS (mm)



TECHNICAL FEATURES

Material	17-4 PH stainless steel		
OIML R60 Accuracy class • Verification intervals	C3 • 3000		
Nominal load (E max)	50 - 75 -150 - 300 kg		
Minimum verification interval (V min)	E max / 10000		
Combined error	≤ ±0.017%		
Protection class	IP68		

Rated output	2.0 mV/V ±0.1%	Input resistance	400 Ω ±20
Temperature effect on zero	0.002% °C	Output resistance	350 Ω ±3
Temperature effect on span	0.0012% °C	Zero balance	±2%
Compensated temperature range	-10 °C / +40 °C	Insulation resistance	>5000 MΩ
Operating temperature range	-20 °C / +50°C	Safe overload (% of full scale)	200%
Creep at nominal load in 30 minutes	0.016%	Ultimate overload (% of full scale)	200%
Max supply voltage without damage	15 V	Deflection at nominal load	0.4 mm

ELECTRICAL CONNECTIONS

Cable lenght	3 m		SHIELD	
Cable diameter	4 mm		+ SIGNAL	GREEN
Cores	4 x 0.22 mm²		+ EXCITATION	RED
			- SIGNAL	WHITE
		- EXCITATION	BLACK	

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