





# Description

- 17-4 ph stainless steel
- Combined error =  $\pm 0.02\%$  (0.017% c4)
- Protection class IPp68



Capacity from 20 kg to 500 kg

#### MOUNTING KITS







CAPACITY	kg	ACCURACY CI	_ass C4	TECEX 😥	EAC		NET WEIGHT OF LOAD CELL (kg)	CODE
	20	٠	٠	٠	٠	٠	0.4	FCOL20
	50	٠	•	•	•	•	0.4	FCOL50
	100	•	٠	٠	•	•	0.4	FCOL100
	200	•	•	٠	•	•	0.4	FCOL200
	350	٠	•	٠	•	•	0.4	FCOL350
	500	٠	•	•	•	•	0.4	FCOL500
			1	1	1	1		

ON REQUEST

## Certifications

#### OIML OIML R60 C3

	CERTIFICATIONS ON REQUEST			
<mark>⟨Ex</mark> ⟩	ATEX II 1GD (zone 0-1-2-20-21-22)			
IEĈEx	IECEx (zone 0-1-2-20-21-22)			
	OIML R60 C4			
EAC	Complies with the Eurasian Custom Union regulations (Russia, Belarus, Kazakhstan)			
	NTEP - compliant to the metrological standards of United States and Canada (capacity from 50 to 500 kg)			

## Complementary accessories

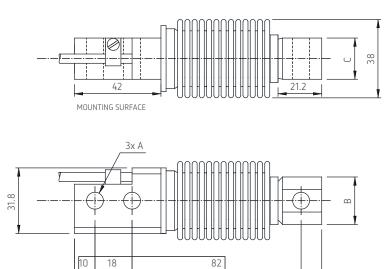
DESCRIPTION
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Pair of tension stainless steel brackets. Maximum static load: 100 kg **CODE** STAFFEFC



## Dimensions (mm)

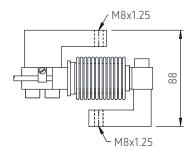


120

	•
	mmh_
- E-1	

	Α	В	С
20-200kg	Ø8.2	23	20
350-500kg	Ø10.3	24	19

TENSION STAINLESS STEEL BRACKETS (max load 100 kg)



### Technical features

Material		17-4 PH stainless steel			
OIML R60 Accuracy class • Verification intervals		C3 · 3000	C4 · 4000		
Nominal load (E max)		20 - 50 - 100 - 200 - 350 - 500 kg			
Minimum verification interval (V min)		E max / 10000	E max / 15000		
Combined error		≤±0.02%	≤±0.017%		
Protection class		IP68			
Rated output	2 mV/V ±1% 🖌	Input resistance	460 Ω ±50		
Temperature effect on zero	0.002% °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		

\* Calibrated current output

# Electrical connections

Cable lenght	3 m		
Cable diameter	5 mm		
Cores	4/6 x 0.22 mm <sup>2</sup>		
		5.7	



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The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification.

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