



**N** FCK Bending Beam Loadcell



Manufactured according to OIML R60 standards

**Description**

- 17-4 ph stainless steel
- Combined error =  $\pm 0.017\%$
- Protection class IP68



Capacity from 5 kg to 10 kg

MOUNTING KITS



TFC-PV/Z



TFC-GP



TFC-FSB

CAPACITY	kg	ACCURACY CLASS				NET WEIGHT OF LOAD CELL (kg)	CODE
5		•	•	•		0.4	FCK5
10		•	•	•		0.4	FCK10

ON REQUEST

**Certifications**

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 regulations (Russia, Belarus, Kazakhstan)

**Complementary accessories**



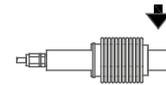
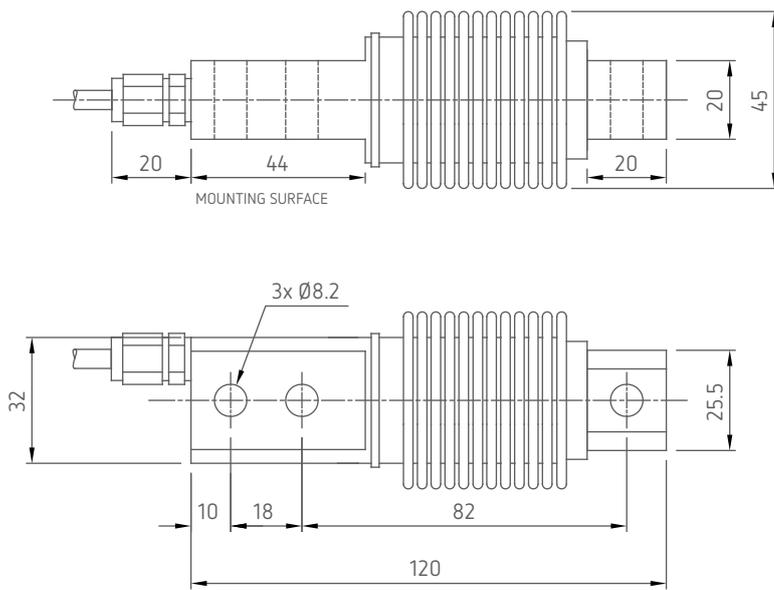
DESCRIPTION

Pair of tension stainless steel brackets.  
Maximum static load: 100 kg

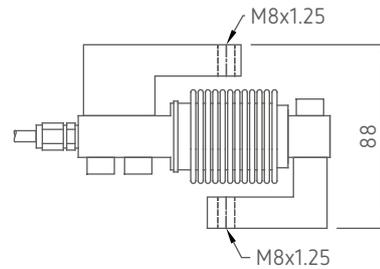
CODE

STAFFEFC

## ■ Dimensions (mm)



TENSION STAINLESS STEEL BRACKETS  
(max load 50 kg)



## ■ Technical features

Material	17-4 PH stainless steel		
Nominal load (E max)	5 - 10 kg		
Combined error	≤±0.02%		
Protection class	IP68		
Rated output	2 mV/V ±1%	Input resistance	400 Ω ±20
Temperature effect on zero	0.002% °C	Output resistance	352 Ω ±3
Temperature effect on span	0.002% °C	Zero balance	±2%
Compensated temperature range	-10 °C / +40 °C	Insulation resistance	>5000 MΩ
Operating temperature range	-30 °C / +65 °C	Safe overload (% of full scale)	150%
Creep at nominal load in 30 minutes	0.02%	Ultimate overload (% of full scale)	200%
Max supply voltage without damage	15 V	Deflection at nominal load	0.4 mm

## ■ Electrical connections

Cable length	3 m
Cable diameter	4 mm
Cores	4/6 x 0.22 mm <sup>2</sup>

