FCK

BENDING BEAM LOAD CELLS

Manufactured according to OIML R60 standards

Capacity from 5 kg to 10 kg



- 17-4 PH STAINLESS STEEL
- COMBINED ERROR ≤ ±0.02%
- IP68 PROTECTION RATING

MOUNTING KITS



TFCPV series



TFCGP



TFCFSB

CAPACITY	kg	NET WEIGHT (kg)
	5	0.4
	10	0.4

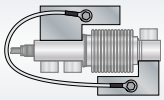
CERTIFICATIONS

Complies with the Eurasian Customs Union regulations

Equivalent of the CE marking for the United Kingdom

	CERTIFICATIONS ON REQUEST
	Calibration report
	ATEX *(zone 2-22)*
	Complies with the Eurasian Customs Union regulations for use in potentially explosive atmospheres
	Complies with Chinese market regulations for use in potentially explosive atmospheres

COMPLEMENTARY ACCESSORIES

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

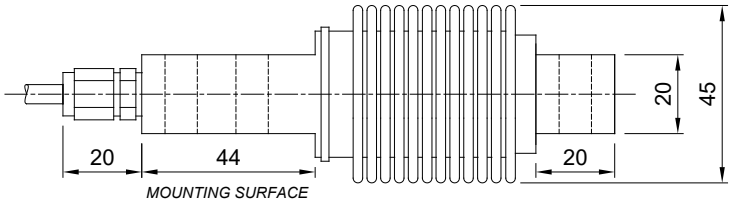
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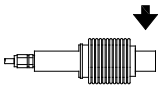
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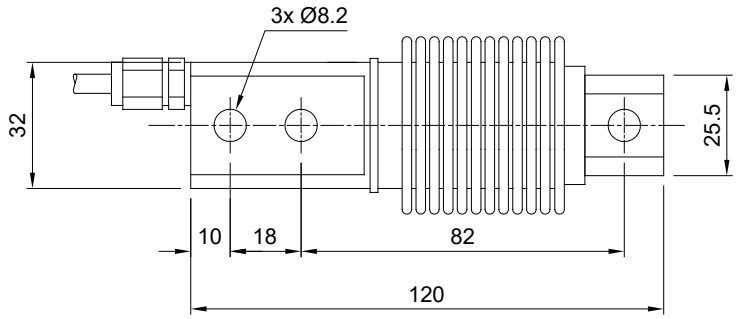
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LAUMAS®

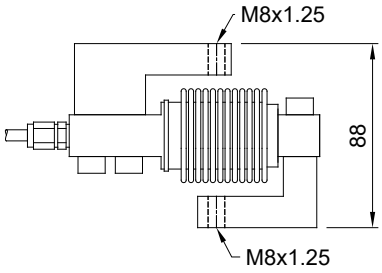
DIMENSIONS (mm)







TENSION STAINLESS STEEL BRACKETS
(max load 100 kg)



For the load cell fixing screws, provide the tightening torque indicated in the table

Screw	M8	
Screw class	6.8	8.8
Tightening torque	19 Nm	25 Nm

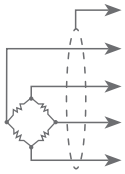
TECHNICAL FEATURES

Material	17-4 PH stainless steel
Nominal load (E max)	5 - 10 kg
Combined error	≤ ±0.02%
Protection rating	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 x 0.22 mm²



SHIELD	
+ SIGNAL	GREEN
+ EXCITATION	RED
- SIGNAL	WHITE
- EXCITATION	BLACK

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

Rev. 0.0

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