

SFCK

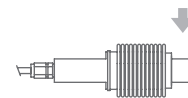
BENDING BEAM LOAD CELLS

STAD

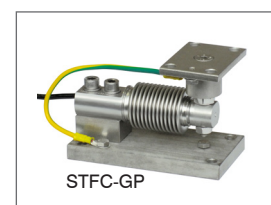


Manufactured according to OIML R60 standards

Capacity from 5 kg to 10 kg



MOUNTING KITS



- 17-4 PH STAINLESS STEEL
- COMBINED ERROR $\leq \pm 0.02\%$
- PROTECTION CLASS IP68

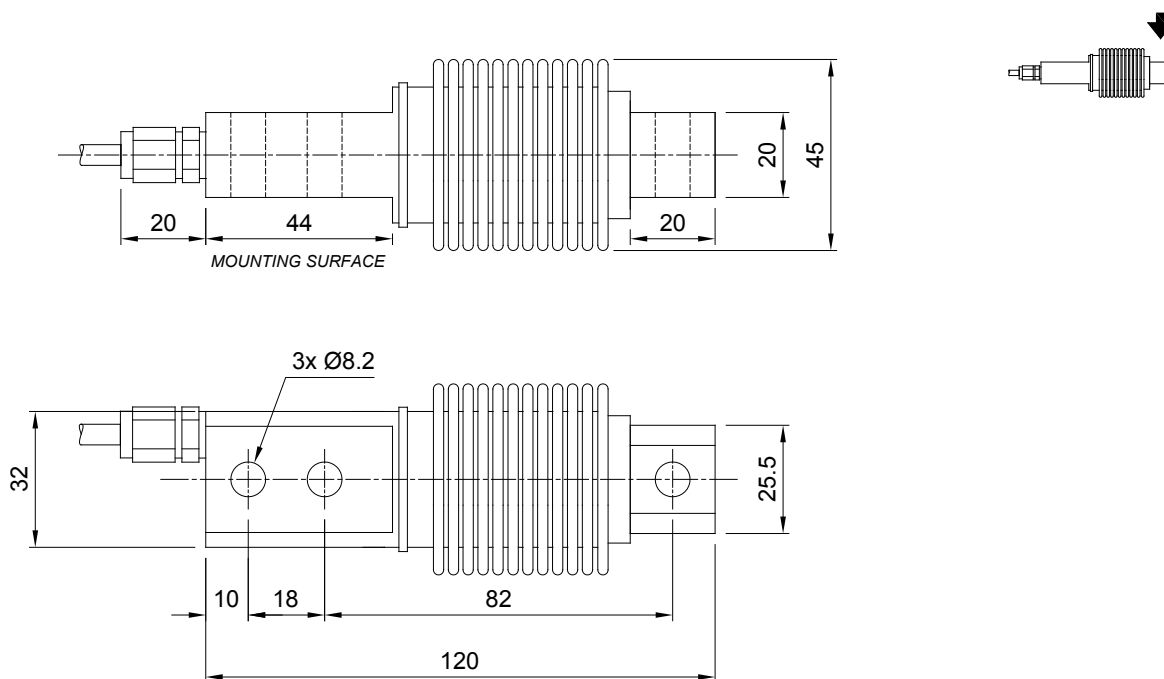
CAPACITY	kg			EAC	NET WEIGHT OF LOAD CELL (kg)	CODE
5		•	•		0.4	SFCK5
10		•	•		0.4	SFCK10
		ON REQUEST				

CERTIFICATIONS

CERTIFICATIONS ON REQUEST

	ATEX II 1GD (zone 0-1-2-20-21-22)
	IECEx II 1GD (zone 0-1-2-20-21-22)
EAC	Complies with the Eurasian Custom Union regulations (Russia, Belarus, Kazakhstan)

DIMENSIONS (mm)



TECHNICAL FEATURES

Material	17-4 PH stainless steel		
Nominal load (E max)	5 - 10 kg		
Combined error	$\leq \pm 0.02\%$		
Protection class	IP68		
Rated output	2 mV/V $\pm 1\%$	Input resistance	400 $\Omega \pm 20$
Temperature effect on zero	0.002% $^{\circ}\text{C}$	Output resistance	352 $\Omega \pm 3$
Temperature effect on span	0.002% $^{\circ}\text{C}$	Zero balance	$\pm 2\%$
Compensated temperature range	-10 $^{\circ}\text{C}$ / +40 $^{\circ}\text{C}$	Insulation resistance	>5000 M Ω
Operating temperature range	-30 $^{\circ}\text{C}$ / +65 $^{\circ}\text{C}$	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 ²



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