



Manufactured according to OIML R60 standards

Capacity from 5000 kg to 20000 kg



- 17-4 PH STAINLESS STEEL
- HOLES FOR STANDARD SHACKLES
- COMBINED ERROR $\leq \pm 0.03\%$
- PROTECTION CLASS IP68

CAPACITY	kg	NET WEIGHT (kg)	CODE
5000		4.5	TAL5000
10000		4.6	TAL10000
20000		6.6	TAL20000

CERTIFICATIONS

- EAC** Complies with the Eurasian Customs Union standards
- UKCA** Equivalent of the CE marking for the United Kingdom

CERTIFICATIONS ON REQUEST

- ✓ Accredia traceable calibration report
- Ex** ATEX II 1GD (zone 0-1-2-20-21-22) (CE - UKCA)
- IECEx** IECEx (zone 0-1-2-20-21-22)
- EAC Ex** Complies with the Eurasian Customs Union standards for use in potentially explosive atmospheres

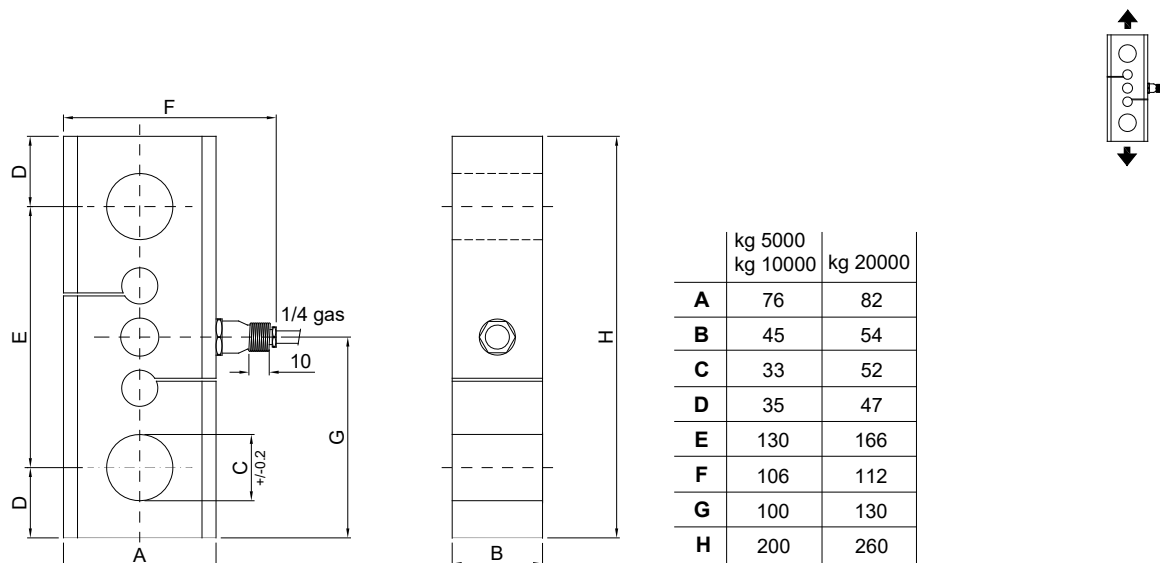
OPTIONS ON REQUEST

DESCRIPTION



Two redundant strain gauges Wheatstone bridges (350 Ω) with two output cables; for dual safety systems.

DIMENSIONS (mm)



TECHNICAL FEATURES

Material	AISI 420 stainless steel		
Nominal load (E max)	5000 - 10000 - 20000 kg		
Combined error	$\leq \pm 0.03\%$		
Protection class	IP68		
Rated output	2 mV/V $\pm 0.1\%$	Input resistance	350 $\Omega \pm 5$
Temperature effect on zero	0.005% $^{\circ}\text{C}$	Output resistance	350 $\Omega \pm 5$
Temperature effect on span	0.003% $^{\circ}\text{C}$	Zero balance	$\pm 1\%$
Compensated temperature range	-20 $^{\circ}\text{C}$ / +70 $^{\circ}\text{C}$	Insulation resistance	>5000 M Ω
Operating temperature range	-30 $^{\circ}\text{C}$ / +90 $^{\circ}\text{C}$	Safe overload (% of full scale)	150%
Creep at nominal load in 30 minutes	0.03%	Ultimate overload (% of full scale)	300%
Max supply voltage without damage	15 V	Deflection at nominal load	0.3 mm

ELECTRICAL CONNECTIONS

Cable lenght	10 m
Cable diameter	5 mm
Cores	6 x 0.14 mm ²

