



Manufactured according to OIML R60 standards

Capacity from 5000 kg to 20000 kg

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



CAPACITY	kg	NET WEIGHT (kg)
5000		4.5
10000		4.6
20000		6.6

CERTIFICATIONS

- EAC** Complies with the Eurasian Customs Union regulations
- UK CA** Equivalent of the CE marking for the United Kingdom

CERTIFICATIONS ON REQUEST

	Calibration report
	LAT Accredia calibration certificate ISO 376 or ASTM E74 for <u>capacities from 1000 kg to 10000 kg</u>
	ATEX II 1G 2D (zone 0-1-2-21-22) (CE - UK CA)
	IECEx (zone 0-1-2-20-21-22)
EAC Ex	Complies with the Eurasian Customs Union regulations for use in potentially explosive atmospheres
	Complies with Chinese market regulations for use in potentially explosive atmospheres

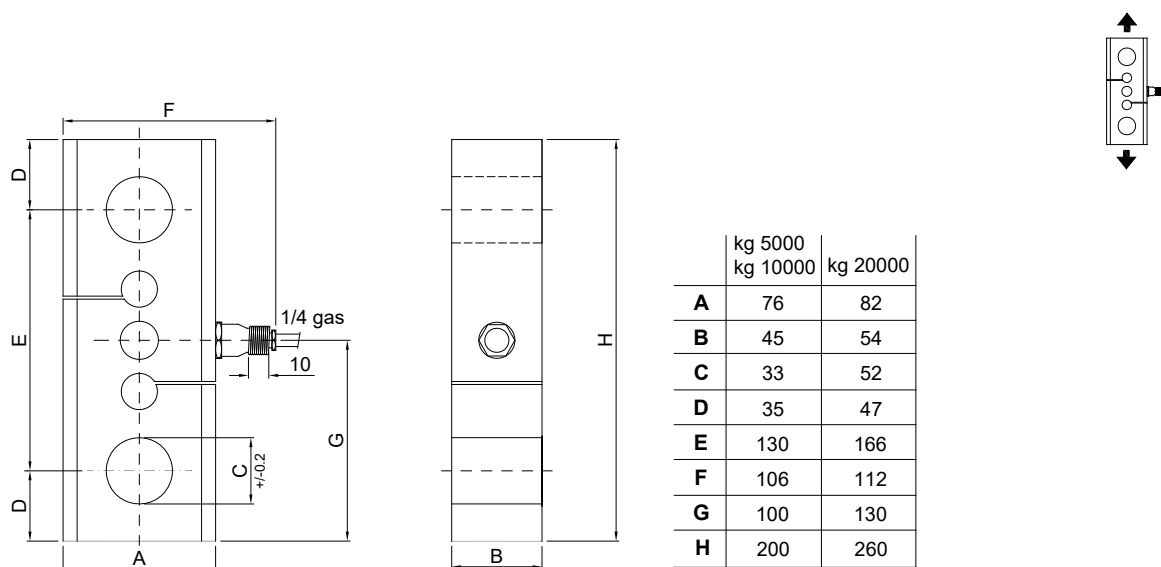
OPTIONS ON REQUEST

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 rating	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 length	10 m
Cable diameter	5 mm
Cores	6 x 0.14 mm ²

