



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

- Complies with the Eurasian Customs Union regulations
- Equivalent of the CE marking for the United Kingdom

#### CERTIFICATIONS ON REQUEST

	Calibration report
	LAT Accredia calibration certificate ISO 376 or ASTM E74 for capacities from 1000 kg to 10000 kg
	ATEX (zone 2-22)
	ATEX/IECEx (zone 1-21)
	Complies with the Eurasian Customs Union regulations for use in potentially explosive atmospheres
	Complies with Chinese market regulations for use in potentially explosive atmospheres

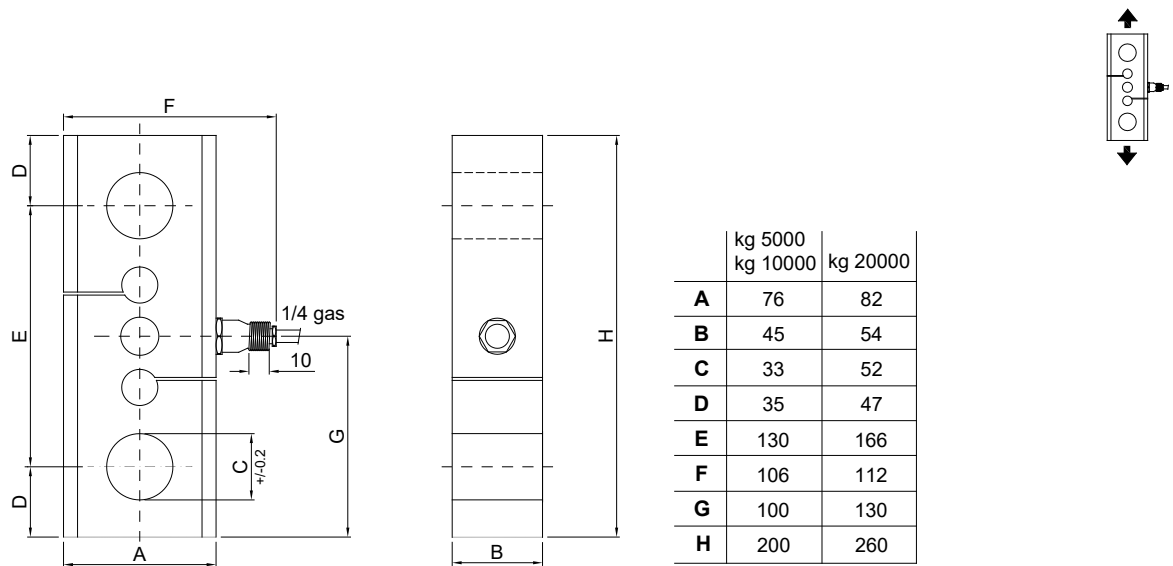
### OPTIONS ON REQUEST

#### DESCRIPTION



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

### DIMENSIONS (mm)

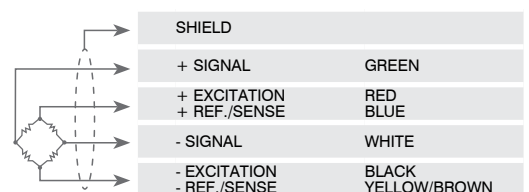


### TECHNICAL FEATURES

Material	AISI 420 stainless steel		
Nominal load (E max)	5000 - 10000 - 20000 kg		
Combined error	≤ ±0.03%		
Protection rating	IP68		
Rated output	2 mV/V ±0.1%	Input resistance	350 Ω ±5
Temperature effect on zero	0.005% °C	Output resistance	350 Ω ±5
Temperature effect on span	0.003% °C	Zero balance	±1%
Compensated temperature range	-20 °C / +70 °C	Insulation resistance	>5000 MΩ
Operating temperature range	-30 °C / +90 °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 <sup>2</sup>



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