



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	IECEx	Ex	EAC	EAC Ex	NET WEIGHT (kg)	CODE
5000		•	•	•	•	4.5	TAL5000
10000		•	•	•	•	4.6	TAL10000
20000		•	•	•	•	6.6	TAL20000

ON REQUEST

### CERTIFICATIONS

**EAC** Complies with the Eurasian Custom Union standards

CERTIFICATIONS ON REQUEST

✓ Accredia traceable calibration report

Ex ATEX II 1GD (zone 0-1-2-20-21-22)

IECEx (zone 0-1-2-20-21-22)

**EAC Ex** Complies with the Eurasian Custom Union standards for use in potentially explosive atmospheres

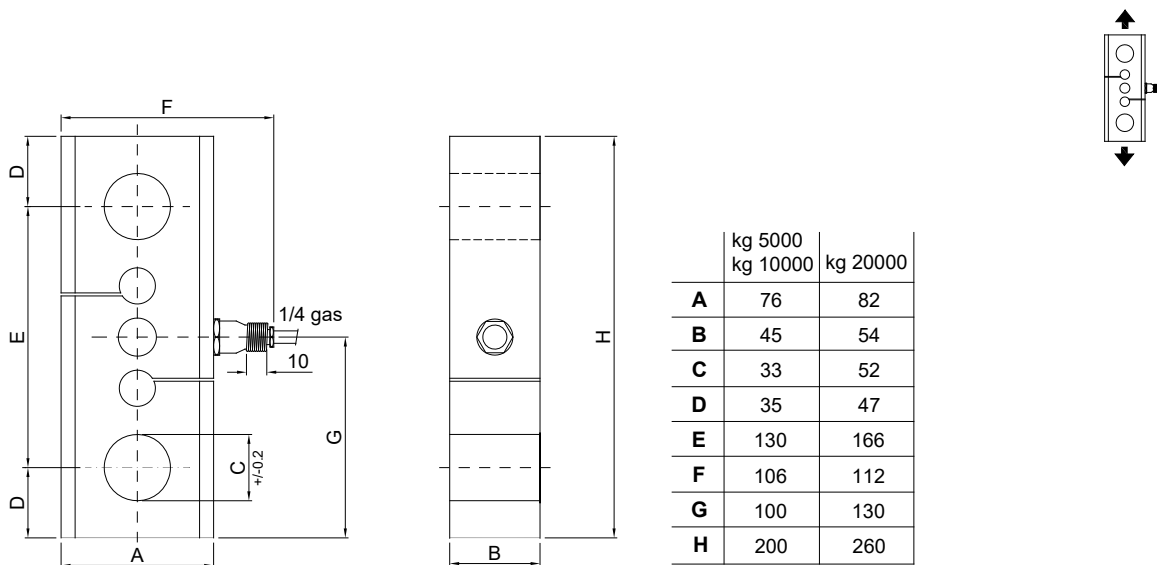
### OPTIONS ON REQUEST

#### 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 class	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	-10 °C / +50 °C	Insulation resistance	>5000 MΩ
Operating temperature range	-20 °C / +70 °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>

