



Manufactured according to OIML R60 standards

Capacity from 30000 kg to 250000 kg

- 17-4 PH STAINLESS STEEL
- COMBINED ERROR ≤ ±0.1%
- PROTECTION CLASS IP68



CAPACITY	kg	IECEx	Ex	EAC	Ex	EAC	Ø INTERNAL	Ø EXTERNAL	NET WEIGHT (kg)	CODE
30000		•	•	•			50 mm	163 mm	-	CA50/30T
50000		•	•	•			50 mm	163 mm	-	CA50/50T
75000		•	•	•			50 mm	163 mm	-	CA50/75T
50000		•	•	•			75 mm	163 mm	-	CA75/50T
75000		•	•	•			75 mm	163 mm	-	CA75/75T
75000		•	•	•			120 mm	229 mm	-	CA120/75T
100000		•	•	•			120 mm	229 mm	-	CA120/100T
125000		•	•	•			120 mm	229 mm	-	CA120/125T
125000		•	•	•			165 mm	275 mm	-	CA165/125T
150000		•	•	•			165 mm	275 mm	-	CA165/150T
180000		•	•	•			165 mm	275 mm	-	CA165/180T
180000		•	•	•			225 mm	320 mm	-	CA225/180T
250000		•	•	•			225 mm	320 mm	-	CA225/250T

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	IECEx (zone 0-1-2-20-21-22)
EAC Ex	Complies with the Eurasian Custom Union standards for use in potentially explosive atmospheres

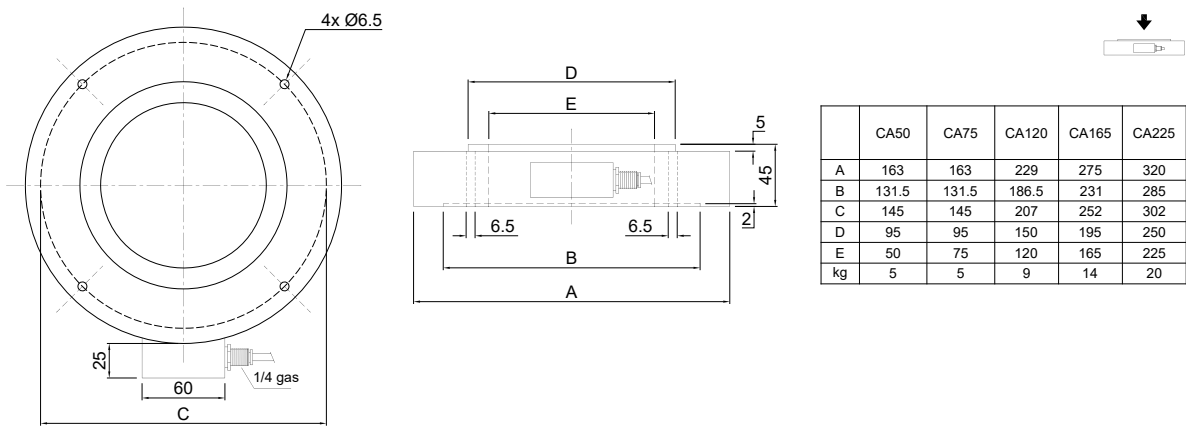
OPTIONS ON REQUEST

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

COMPLEMENTARY ACCESSORIES

DESCRIPTION			CODE
Galvanized steel plates for load distribution.			
	Dimensions:	for load cell:	
Upper plate	Ø98x25 mm	CA50/ ...	PIAS50CASUP
Lower plate	Ø170x25 mm		PIAS50CAINF
Upper plate	Ø98x27.5 mm	CA75/ ...	PIAS75CASUP
Lower plate	Ø170x25 mm		PIAS75CAINF
Upper plate	Ø150x27.5 mm	CA120/ ...	PIAS120CASUP
Lower plate	Ø240x30 mm		PIAS120CAINF
Upper plate	Ø199x30 mm	CA165/ ...	PIAS165CASUP
Lower plate	Ø290x30 mm		PIAS165CAINF
Upper plate	Ø250x30 mm	CA225/ ...	PIAS225CASUP
Lower plate	Ø330x35 mm		PIAS225CAINF

TECHNICAL FEATURES - DIMENSIONS



Material	17-4 PH stainless steel		
Nominal load (E max)	30000 - 50000 - 75000 - 100000 - 125000 - 150000 - 180000 - 250000 kg		
Combined error	≤ ±0.1%		
Protection class	IP68		
Rated output	2 mV/V ±0.1%	Input resistance	700 Ω ±20
Temperature effect on zero	0.005% °C	Output resistance	700 Ω ±5
Temperature effect on span	0.005% °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	0.4 mm

ELECTRICAL CONNECTIONS

Cable lenght	5 m		SHIELD	
Cable diameter	5 mm		+ SIGNAL	GREEN
Cores	6 x 0.14 mm²		+ EXCITATION + REF./SENSE	RED BLUE
			- SIGNAL	WHITE
		- EXCITATION - REF./SENSE	BLACK BROWN	

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