



**kg** CK  
Compression Load Cells - Low Profile



Manufactured according to OIML R60 standards  
Capacity from 200 kg to 2500 kg

**FEATURES**

- 17-4 PH STAINLESS STEEL
- COMBINED ERROR  $\leq \pm 0.05\%$
- PROTECTION CLASS IP68

CAPACITY	kg			EAC	NET WEIGHT OF LOAD CELL (kg)	CODE
200		•	•	•	0.11	CK200
500		•	•	•	0.08	CK500
1000		•	•	•	0.17	CK1000
2500		•	•	•	0.17	CK2500

ON REQUEST

**CERTIFICATIONS**

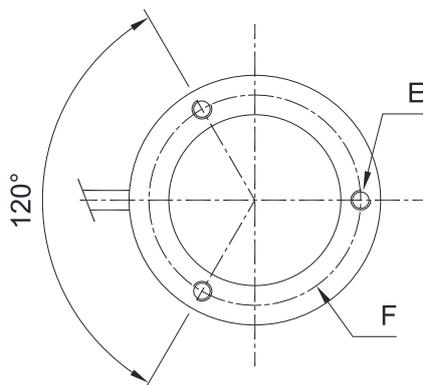
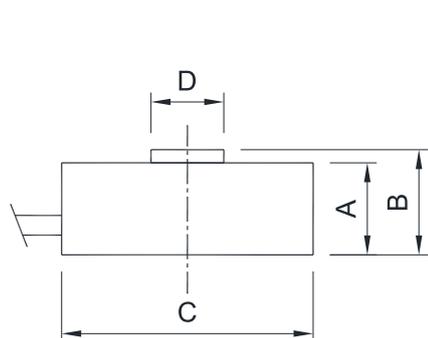
CERTIFICATIONS ON REQUEST

	ATEX II 1GD(zone 0-1-2-20-21-22)
	IECEx (zone 0-1-2-20-21-22)
	Complies with the Eurasian Custom Union regulations (Russia, Belarus, Kazakhstan)

ISO 9001:2008  
ISO 14001:2004



**DIMENSIONS (mm)**



	kg 200 kg 500	kg 1000 kg 2500
A	8.2	14
B	10	16
C	Ø 32	Ø 38
D	Ø 8.1	Ø 10
E	M3	M3
F	Ø 25.4	Ø 31.4

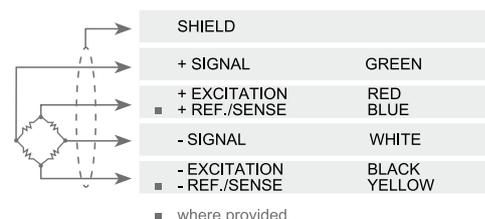


**TECHNICAL FEATURES**

Material	17-4 PH stainless steel		
Nominal load (E max)	200 - 500 - 1000 - 2500 kg		
Combined error	≤ ±0.5%		
Protection class	IP67		
Rated output	1 mV/V ± 15%	Input resistance	400 Ω ±100
Temperature effect on zero	0.005% °C	Output resistance	350 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)	120%
Creep at nominal load in 30 minutes	0.3%	Ultimate overload (% of full scale)	200%
Max supply voltage without damage	15 V	Deflection at nominal load	0.3 mm

**ELECTRICAL CONNECTIONS**

Cable length	5 m
Cable diameter	3 mm
Cores	4/6 x 0.25 mm <sup>2</sup>



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

ISO 9001:2008  
ISO 14001:2004

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The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification.

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