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COMPRESSION LOAD CELLS - LOW PROFILE

Manufactured according to OIML R60 standards

Capacity from 200 kg to 2500 kg



- 17-4 PH STAINLESS STEEL
- COMBINED ERROR ≤ ±0.5%
- IP67 PROTECTION RATING

CAPACITY kg	NET WEIGHT (kg)
200	0.11
500	0.08
1000	0.17
2500	0.17

CERTIFICATIONS

Complies with the Eurasian Customs Union regulations

Equivalent of the CE marking for the United Kingdom

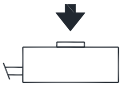
CERTIFICATIONS ON REQUEST	
	Calibration report
	LAT Accredia calibration certificate ISO 376 or ASTM E74 for capacities from 1000 kg to 10000 kg
	ATEX *(zone 2-22)*
	Complies with the Eurasian Customs Union regulations for use in potentially explosive atmospheres
	Complies with Chinese market regulations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

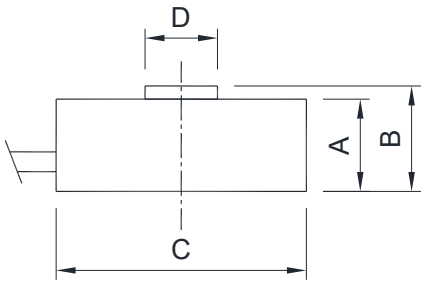
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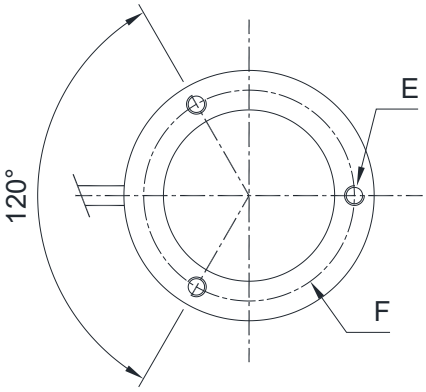
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LAUMAS®

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

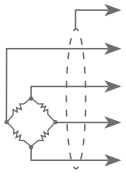
TECHNICAL FEATURES

Material	17-4 PH stainless steel
Nominal load (E max)	200 - 500 - 1000 - 2500 kg
Combined error	≤ ±0.5%
Protection rating	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 x 0.25 mm²



SHIELD	
+ SIGNAL	GREEN
+ EXCITATION	RED
- SIGNAL	WHITE
- EXCITATION	BLACK

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

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ISO 9001
ISO 14001

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