AF

SINGLE-POINT LOAD CELL for platforms 150x150 mm

LAUMAS®

Manufactured according to OIML R60 standards

Capacity from 5 kg to 50 kg

- AISI 420 STAINLESS STEEL
- COMBINED ERROR ≤ ±0.05%
- PROTECTION CLASS IP65

CAPACITY	kg				PLATFORM (mm)	NET WEIGHT (kg)	CODE
5		•	•	•	150 x 150	0.13	AF5
15		•	•	•	150 x 150	0.13	AF15
50		•	•	•	150 x 150	0.13	AF50

ON REQUEST

CERTIFICATIONS

Complies with the Eurasian Custom Union standards

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 standards for use in potentially explosive atmospheres

Rev. 0.0

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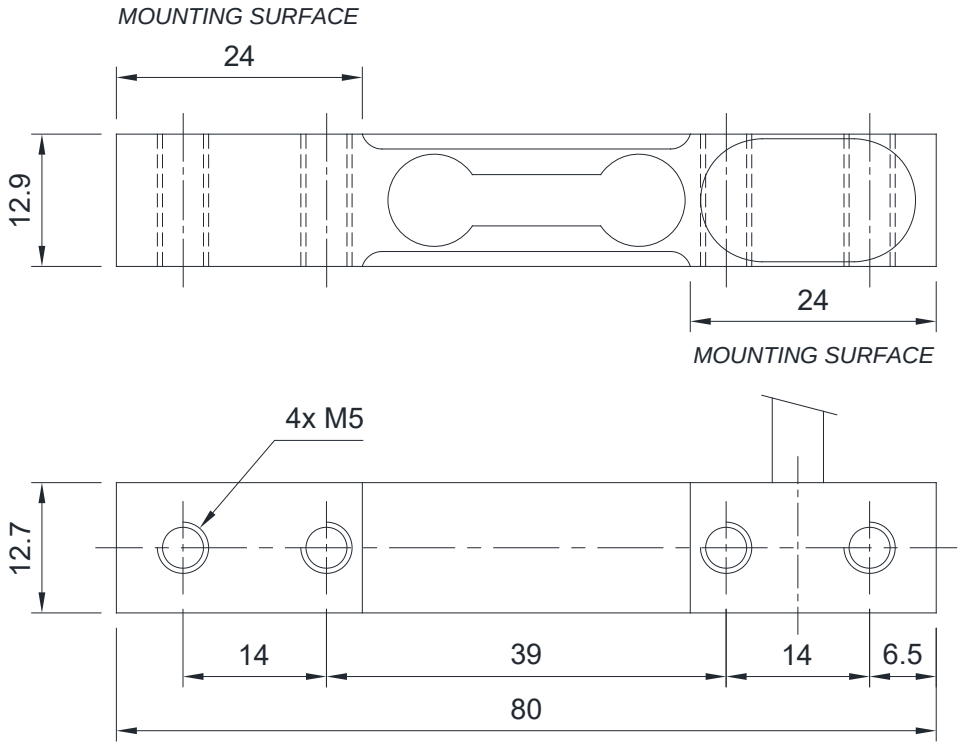
DIMENSIONS (mm)



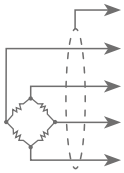
TECHNICAL FEATURES

Material	AISI 420 stainless steel
Nominal load (E max)	5 - 15 - 50 kg
Combined error	≤ ±0.05%
Protection class	IP65

Rated output	3 mV/V ±10%	Input resistance	410 Ω ±40
Temperature effect on zero	0.005% °C	Output resistance	350 Ω ±5
Temperature effect on span	0.005% °C	Zero balance	0-4%
Compensated temperature range	-10 °C / +40 °C	Insulation resistance	>2000 MΩ
Operating temperature range	-20 °C / +60 °C	Safe overload (% of full scale)	150%
Creep at nominal load in 30 minutes	0.05%	Ultimate overload (% of full scale)	200%
Max supply voltage without damage	10 V	Deflection at nominal load	0.5 mm

ELECTRICAL CONNECTIONS

Cable lenght	3 m
Cable diameter	4 mm
Cores	6 x 0.20 mm²



SHIELD	
+ SIGNAL	GREEN
+ EXCITATION + REF./SENSE	RED BLUE
- SIGNAL	WHITE
- EXCITATION - REF./SENSE	BLACK YELLOW

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