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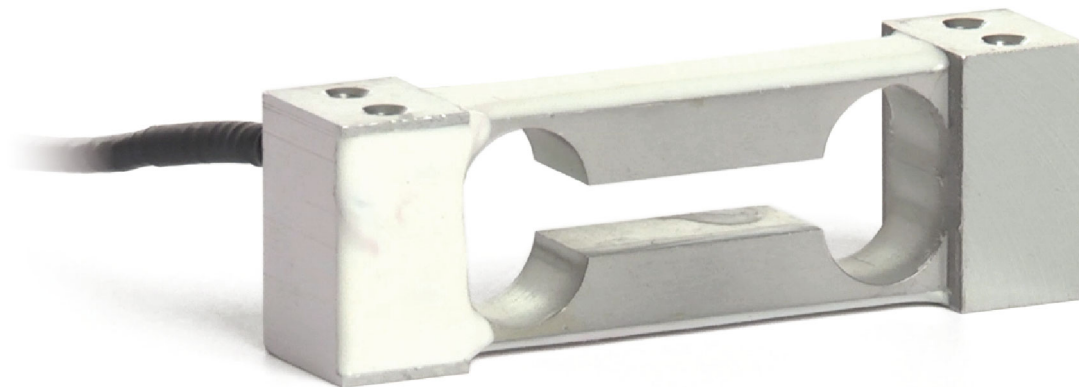
SINGLE-POINT LOAD CELL for platforms 200x200 mm

LAUMAS®



Manufactured according to OIML R60 standards

Capacity from 0.25 kg to 1 kg



- ALUMINUM ALLOY
- COMBINED ERROR $\leq \pm 0.03\%$
- PROTECTION CLASS IP65

CAPACITY	kg					PLATFORM (mm)	NET WEIGHT (kg)	CODE
0.25		•	•	•	•	200 x 200	0.1	AS025
0.5		•	•	•	•	200 x 200	0.1	AS05
1		•	•	•	•	200 x 200	0.1	AS1

ON REQUEST

CERTIFICATIONS



Complies with the Eurasian Customs Union standards

CERTIFICATIONS ON REQUEST



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

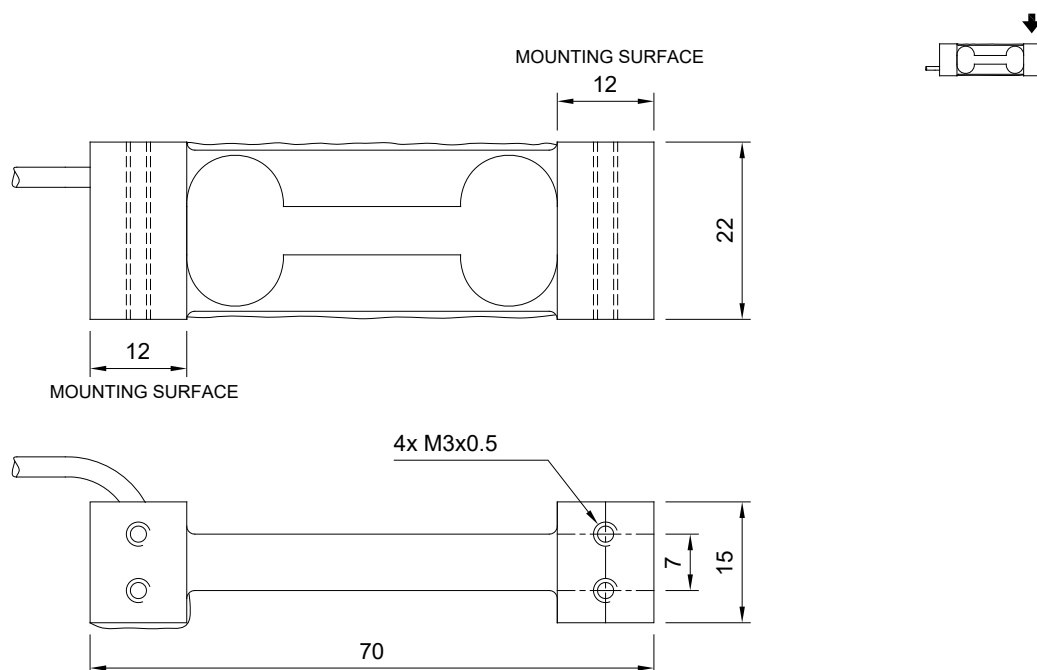


IECEx (zone 0-1-2-20-21-22)



Complies with the Eurasian Customs Union standards for use in potentially explosive atmospheres

DIMENSIONS (mm)



TECHNICAL FEATURES

Material	Aluminum alloy		
Nominal load (E max)	0.25 - 0.50 - 1.00 kg		
Combined error	$\leq \pm 0.03\%$		
Protection class	IP65		
Rated output	1 mV/V $\pm 15\%$	Input resistance	410 $\Omega \pm 10$
Temperature effect on zero	0.0025% $^{\circ}\text{C}$	Output resistance	350 $\Omega \pm 3$
Temperature effect on span	0.0025% $^{\circ}\text{C}$	Zero balance	$\pm 2\%$
Compensated temperature range	-10 $^{\circ}\text{C}$ / +40 $^{\circ}\text{C}$	Insulation resistance	>2000 M Ω
Operating temperature range	-20 $^{\circ}\text{C}$ / +60 $^{\circ}\text{C}$	Safe overload (% of full scale)	200%
Creep at nominal load in 30 minutes	0.03%	Ultimate overload (% of full scale)	400%
Max supply voltage without damage	15 V	Deflection at nominal load	0.3 mm

ELECTRICAL CONNECTIONS

Cable length	3 m
Cable diameter	2.5 mm
Cores	6 x 0.20 mm ²

