

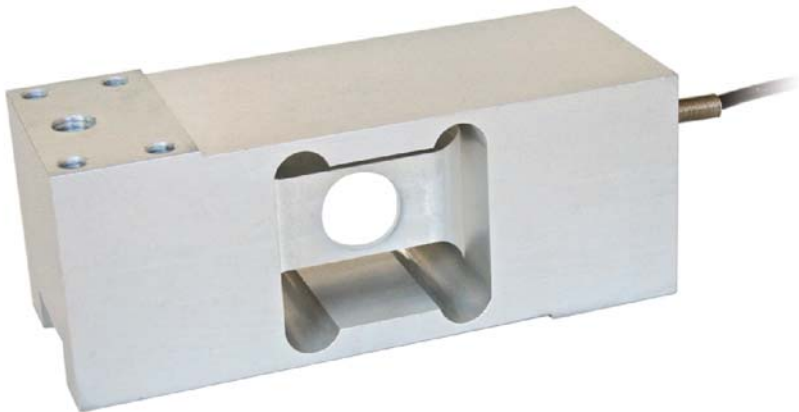
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SINGLE-POINT LOAD CELL for platforms 800x800 mm



Manufactured according to OIML R60 standards

Capacity from 500 kg to 1000 kg



- ALUMINUM ALLOY
- COMBINED ERROR ≤ ±0.02%
- PROTECTION CLASS IP65

CAPACITY	kg	 			PLATFORM (mm)	NET WEIGHT (kg)	CODE
500		•	•	•	800 x 800	2.2	AR500
1000		•	•	•	800 x 800	2.3	AR1000

ON REQUEST

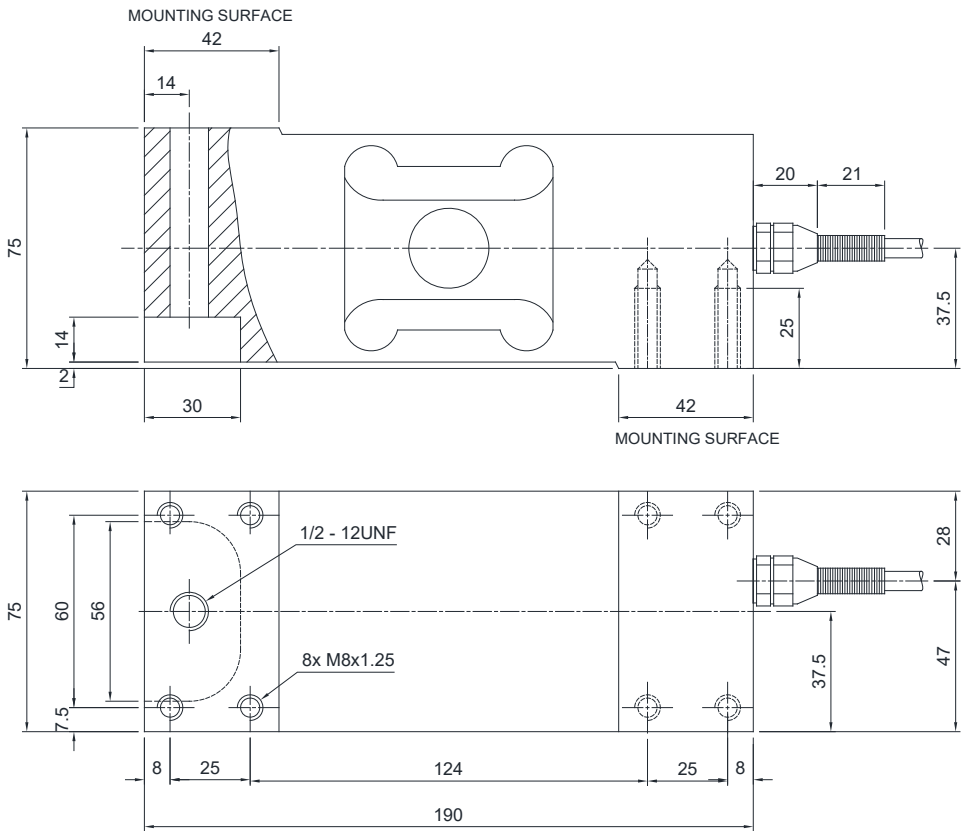
CERTIFICATIONS

	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

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SINGLE-POINT LOAD CELL for platforms 800x800 mm

DIMENSIONS (mm)



TECHNICAL FEATURES

Material	Aluminum alloy		
Nominal load (E max)	500 - 1000 kg		
Combined error	≤ ±0.05%		
Protection class	IP65		
Rated output	2 mV/V ±10%	Input resistance	410 Ω ±10
Temperature effect on zero	0.0025% °C	Output resistance	350 Ω ±3
Temperature effect on span	0.0025% °C	Zero balance	±2%
Compensated temperature range	-10 °C / +40 °C	Insulation resistance	>2000 MΩ
Operating temperature range	-20 °C / +60 °C	Safe overload (% of full scale)	120%
Creep at nominal load in 30 minutes	0.03%	Ultimate overload (% of full scale)	200%
Max supply voltage without damage	15 V	Deflection at nominal load	0.5 mm

ELECTRICAL CONNECTIONS

Cable lenght	3 m
Cable diameter	5 mm
Cores	4/6 x 0.20 mm²

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

■ where provided

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