



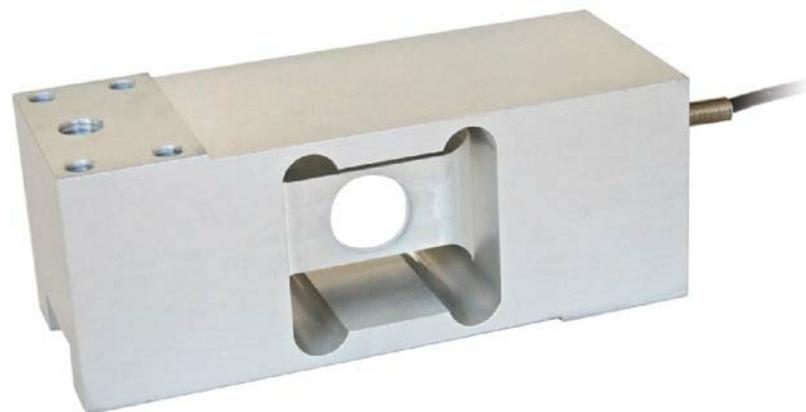
N AR Single Point Loadcell



Manufactured according to OIML R60 standards

Description

- Aluminum alloy
- Combined error = $\pm 0.02\%$
- Protection class IP65



Capacity from 500 kg to 1000 kg

Technical data

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

ON REQUEST

Certifications

CERTIFICATIONS ON REQUEST



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

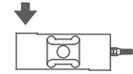
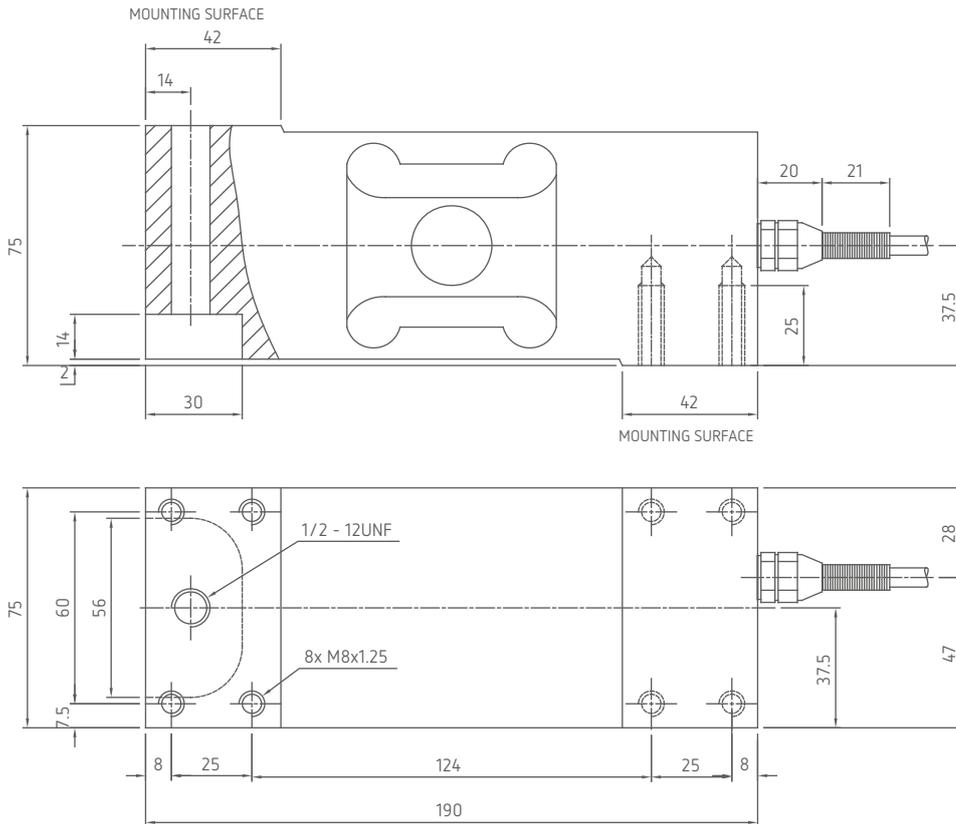


IECEx (zone 0-1-2-20-21-22)



Complies with the Eurasian Custom Union regulations (Russia, Belarus, Kazakhstan)

■ 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 length	3 m
Cable diameter	5 mm
Cores	4/6 x 0.20 mm ²

