



N AF Single Point Loadcell



Manufactured according to OIML R60 standards

Description

- Special steel
- Combined error = $\pm 0.05\%$
- Protection class ip65



Capacity from 5 kg to 50 kg

Technical data

CAPACITY	kg				PLATFORM DIMENSION (mm)	NET WEIGHT OF LOAD CELL (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

CERTIFICATIONS ON REQUEST



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

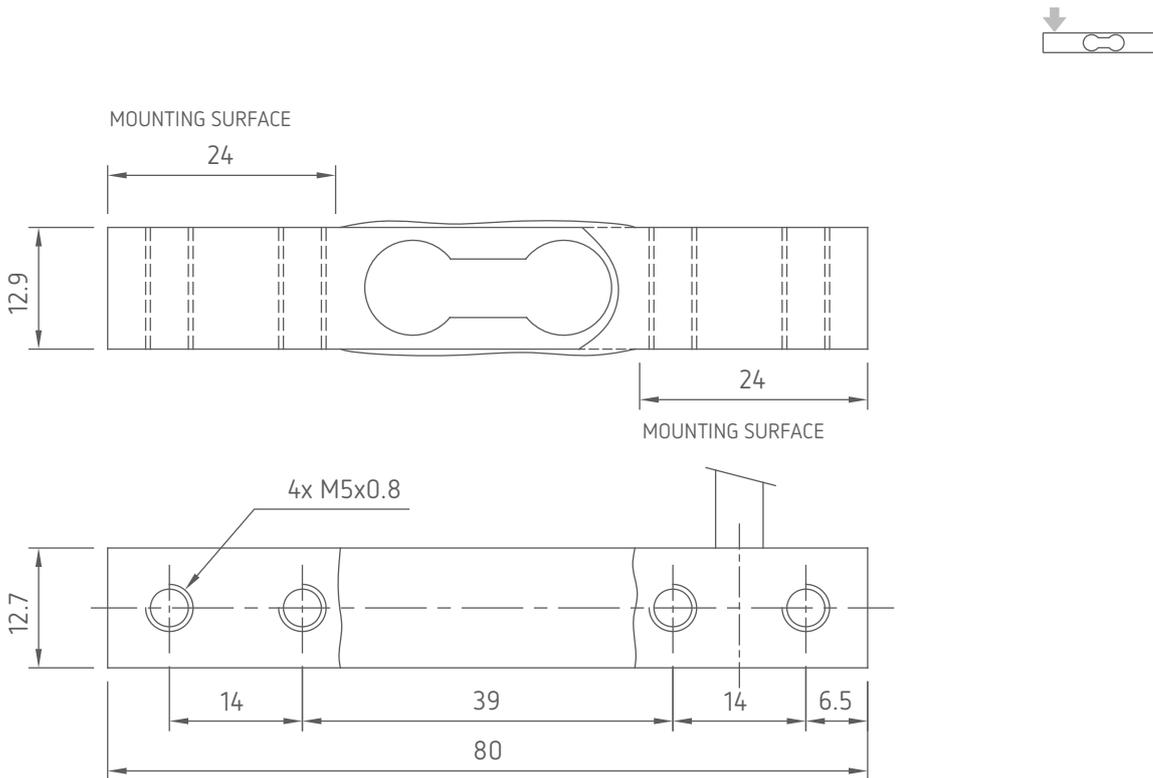


IECEx (zone 0-1-2-20-21-22)



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

■ Dimensions (mm)



■ Technical features

Material	Special 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 length	3 m
Cable diameter	4 mm
Cores	4/6 x 0.20 mm ²

