



Capacity from 1000 kg to 2000 kg



- ALUMINUM ALLOY
- COMBINED ERROR $\leq \pm 0.02\%$
- IP65 PROTECTION RATING

CAPACITY	kg	ACCURACY CLASS C3		PLATFORM (mm)	NET WEIGHT (kg)
	1000	•	•	1200 x 1200	3.8
	2000	•	•	1200 x 1200	3.8

CERTIFICATIONS



OIML R60 C3



Complies with the Eurasian Customs Union standards



Equivalent of the CE marking for the United Kingdom



Complies with United Kingdom regulations for legal for trade use

CERTIFICATIONS ON REQUEST



Linearity test



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

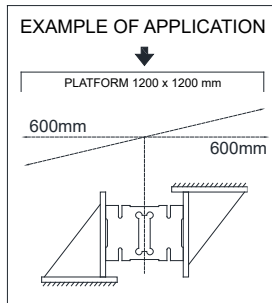
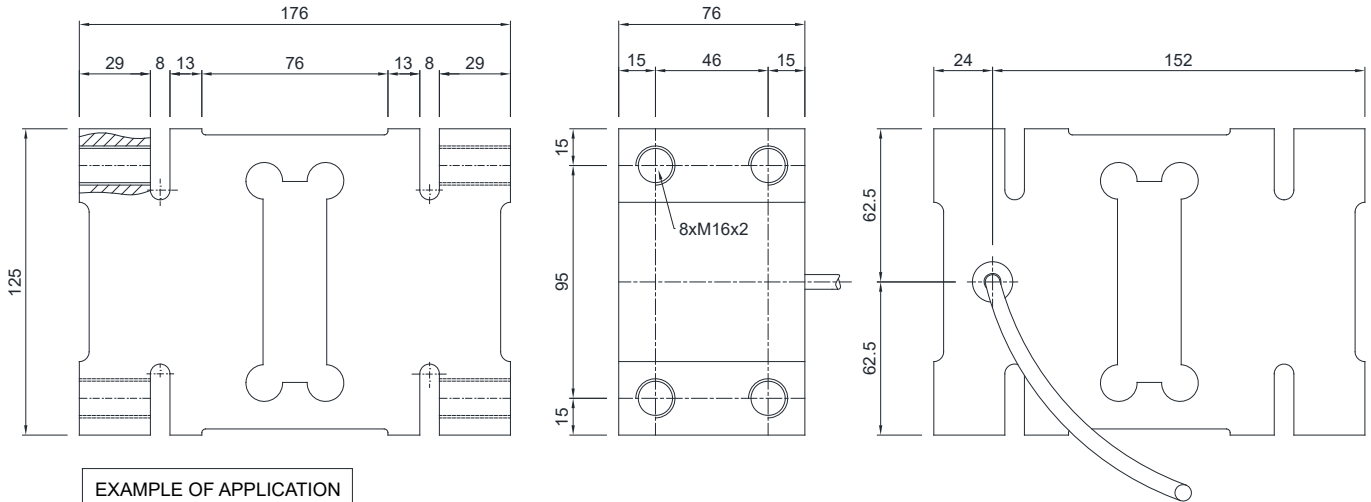


IECEx (zone 0-1-2-20-21-22)



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

DIMENSIONS (mm)



For the load cell fixing screws, provide the tightening torque indicated in the table

Screw	M16	
	Screw class	6.8
Tightening torque	165 Nm	215 Nm

TECHNICAL FEATURES

Material	Aluminum alloy		
OIML R60 Accuracy class • Verification intervals	C3 • 3000		
Nominal load (E max)	1000 - 2000 kg		
Minimum verification interval (V min)	E max / 7000		
Combined error	≤ ±0.02%		
Protection rating	IP65		
Rated output	2 mV/V ±10%	Input resistance	406 Ω ±6
Temperature effect on zero	0.0017% °C	Output resistance	350 Ω ±3
Temperature effect on span	0.0014% °C	Zero balance	≤ ±1%
Compensated temperature range	-10 °C / +40 °C	Insulation resistance	≥5000 MΩ
Operating temperature range	-35 °C / +65 °C	Safe overload (% of full scale)	150%
Creep at nominal load in 30 minutes	0.02%	Ultimate overload (% of full scale)	300%
Max supply voltage without damage	18 V	Deflection at nominal load	0.8 mm

ELECTRICAL CONNECTIONS

Length	3 m
Wire diameter	6 mm
Wire cross-section	6 x 0.20 mm ²

