ATL

SINGLE-POINT LOAD CELL for platforms 1200x1200 mm

Capacity from 1000 kg to 2000 kg



- ALUMINUM ALLOY
- COMBINED ERROR ≤ ±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 regulations

Equivalent of the CE marking for the United Kingdom

	CERTIFICATIONS ON REQUEST
	Calibration report
	LAT Accredia calibration certificate ISO 376 or ASTM E74 for capacities from 1000 kg to 10000 kg
	ATEX *(zone 2-22)*
	Complies with the Eurasian Customs Union regulations for use in potentially explosive atmospheres
	Complies with Chinese market regulations for use in potentially explosive atmospheres

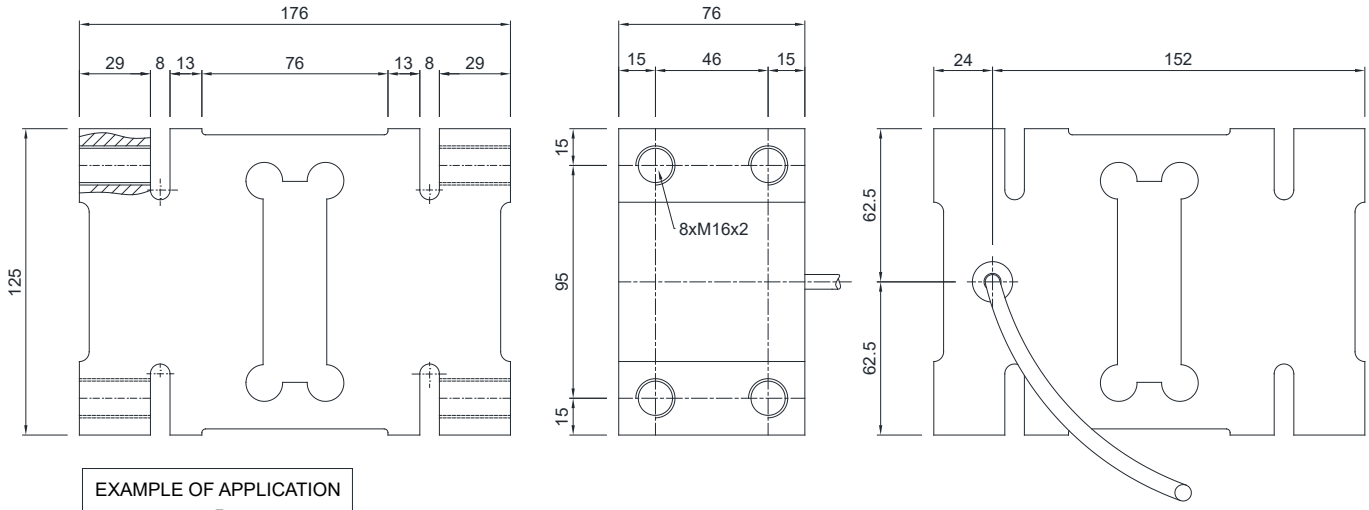
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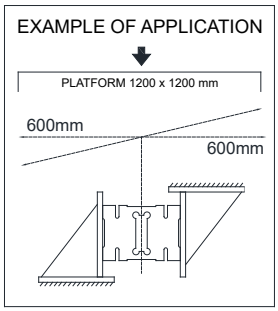
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LAUMAS®

DIMENSIONS (mm)





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

Screw	M16	
Screw class	6.8	8.8
Tightening torque	165 Nm	215 Nm

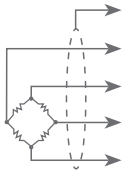
TECHNICAL FEATURES

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

Cable length	3 m
Cable diameter	6 mm
Cores	6 x 0.20 mm²



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

Rev. 0.0

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

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ISO 9001
ISO 14001

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