AZL

SINGLE-POINT LOAD CELL for platforms 400x400 mm

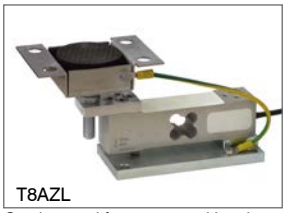
LAUMAS®

Capacity from 10 kg to 100 kg



- ALUMINUM ALLOY
- COMBINED ERROR ≤ ±0.02% (0.017% C4)
- IP65 PROTECTION RATING

MOUNTING KIT



T8AZL

Can be used for systems with at least 3 supports

CAPACITY kg	ACCURACY CLASS C3	C4	NTEP	PLATFORM (mm)	NET WEIGHT (kg)
10	•	–	•	400 x 400	0.4
15	•	•	•	400 x 400	0.4
20	•	•	•	400 x 400	0.4
30	•	•	•	400 x 400	0.4
50	•	•	•	400 x 400	0.4
100	•	–	•	400 x 400	0.4

ON REQUEST

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
	ATEX *(zone 2-22)*
	OIML R60 C4
	Complies with the Eurasian Customs Union regulations for use in potentially explosive atmospheres
	Complies with Chinese market regulations for use in potentially explosive atmospheres
	NTEP - Complies with United States regulations for legal for trade use

COMPLEMENTARY ACCESSORIES

	DESCRIPTION	MODEL
	Stainless steel drawn block.	BLOCPRC

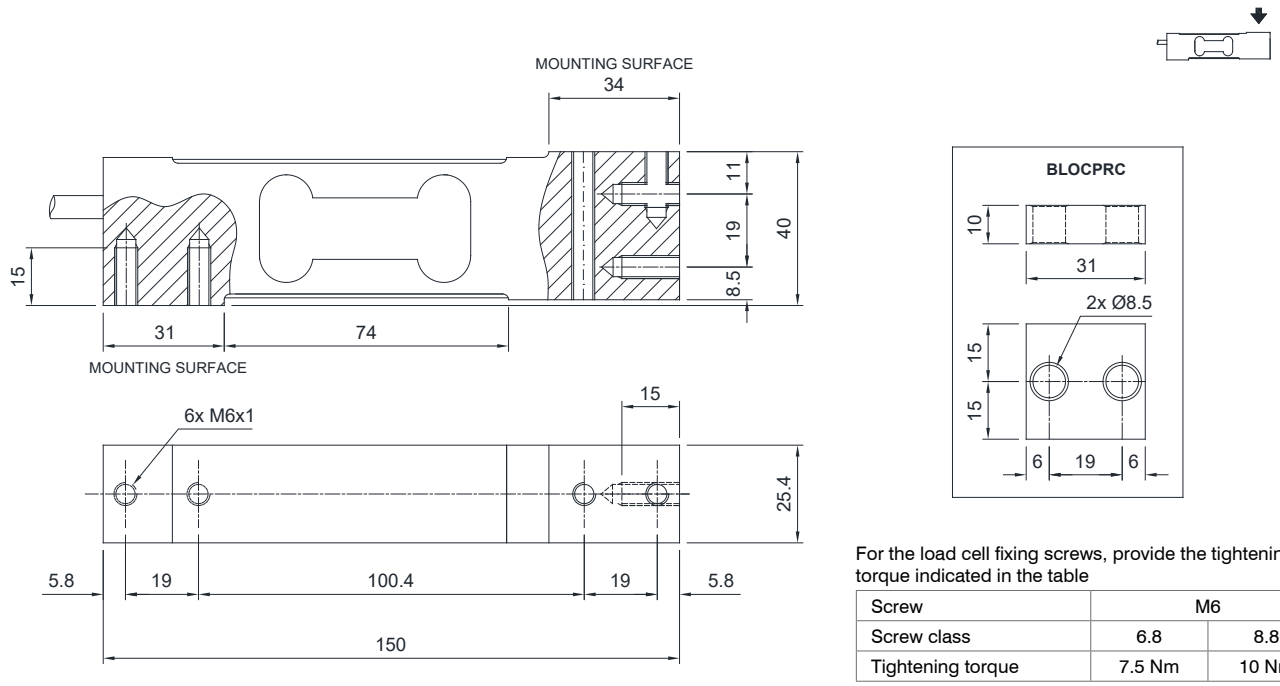
Rev. 0.0

AZL

SINGLE-POINT LOAD CELL for platforms 400x400 mm

LAUMAS®

DIMENSIONS (mm)



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

Screw	M6	
Screw class	6.8	8.8
Tightening torque	7.5 Nm	10 Nm

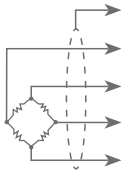
TECHNICAL FEATURES

Material	Aluminum alloy	
OIML R60 Accuracy class • Verification intervals	C3 • 3000	C4 • 4000
Nominal load (E max)	10 - 15 - 20 - 30 - 50 - 100 kg	15 - 20 - 30 - 50 kg
Minimum verification interval (V min)	E max / 12000	E max / 20000
Combined error	≤ ±0.02%	≤ ±0.017%
Protection rating	IP65	

Rated output	2 mV/V ±10%	Input resistance	409 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	0.5 mm

ELECTRICAL CONNECTIONS

Cable length	6 m
Cable diameter	5 mm
Cores	6 x 0.20 mm²



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

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

Rev. 0.0

LAUMAS S.r.l. • SALES DEPARTMENT: sales@laumas.it
Fax: (+39) 0521 681091 • Phone: (+39) 0521 683124

ISO 9001
ISO 14001

www.laumas.com