



Capacity from 3 kg to 50 kg



- ALUMINUM ALLOY
- COMBINED ERROR $\leq \pm 0.02\%$ (0.017% C4; 0.014% C5)
- PROTECTION CLASS IP65

CAPACITY	kg	ACCURACY CLASS								PLATFORM (mm)	NET WEIGHT (kg)	CODE
		C3	C4	C5								
3		•	•	•	•	•	•	•	•	250 x 350	0.2	ALL3
5		•	•	•	•	•	•	•	•	250 x 350	0.2	ALL5
10		•	•	•	•	•	•	•	•	250 x 350	0.2	ALL10
15		•	•	•	•	•	•	•	•	250 x 350	0.2	ALL15
20		•	•	•	•	•	•	•	•	250 x 350	0.2	ALL20
30		•	•	•	•	•	•	•	•	250 x 350	0.2	ALL30
50		•	•	•	•	•	•	•	•	250 x 350	0.2	ALL50

ON REQUEST

CERTIFICATIONS



OIML R60 C3



Complies with the Eurasian Customs Union standards



Complies with United Kingdom regulations for legal for trade use

CERTIFICATIONS ON REQUEST



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



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



OIML R60 C4/C5



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



NTEP - Complies with United States regulations for legal for trade use

COMPLEMENTARY ACCESSORIES

DESCRIPTION

CODE



Pair of stainless steel tension brackets.
Maximum static load: 50 kg.

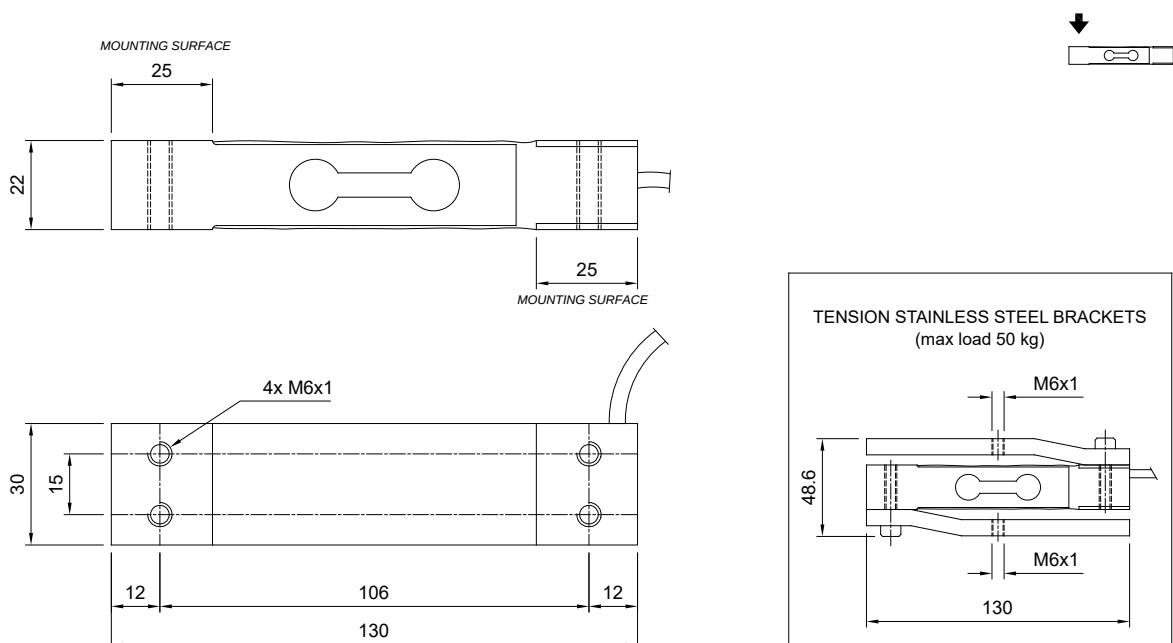
STAFFEALL

ALL

SINGLE-POINT LOAD CELL for platforms 250x350 mm

LAUMAS®

DIMENSIONS (mm)



TECHNICAL FEATURES

Material	Aluminum alloy		
OIML R60 Accuracy class • Verification intervals	C3 • 3000	C4 • 4000	C5 • 5000
Nominal load (E max)	3 - 5 - 10 - 15 - 20 - 30 - 50 kg		
Minimum verification interval (V min)	E max / 10000	E max / 15000	E max / 20000
Combined error	≤ ±0.02%	≤ ±0.017%	≤ ±0.014%
Protection class	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	≤ ±2%
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	0.015%	Ultimate overload (% of full scale)	300%
Max supply voltage without damage	18 V	Deflection at nominal load	0.5 mm

ELECTRICAL CONNECTIONS

Cable length	3 m
Cable diameter	3.8 mm
Cores	4 x 0.20 mm²

SHIELD	
+ SIGNAL	GREEN
+ EXCITATION	RED
- SIGNAL	WHITE
- EXCITATION	BLACK