

Capacity from 50 kg to 500 kg



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

CAPACITY kg	ACCURACY CLASS	OIML	IECEx	Ex	EAC	PLATFORM DIMENSION (mm)	NET WEIGHT OF LOAD CELL (kg)	CODE
50	C3	—	•	•		600 x 600	1.7	APL50
100	C3	—	•	•		600 x 600	1.7	APL100
150	C3	C4	•	•		600 x 600	1.7	APL150
200	C3	C4	•	•		600 x 600	1.7	APL200
300	C3	C4	•	•		600 x 600	1.7	APL300
500	C3	C4	•	•		600 x 600	1.7	APL500

ON REQUEST

CERTIFICATIONS



OIML R60 C3

CERTIFICATIONS ON REQUEST



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



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



OIML R60 C4 (see capacities table)



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

COMPLEMENTARY ACCESSORIES



DESCRIPTION

Stainless steel and rubber waterproof kit.

CODE

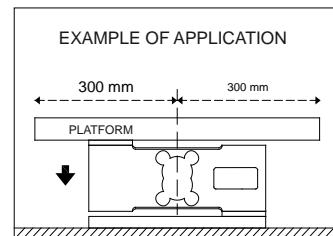
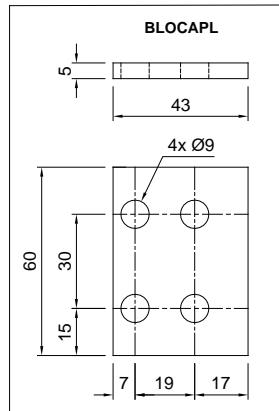
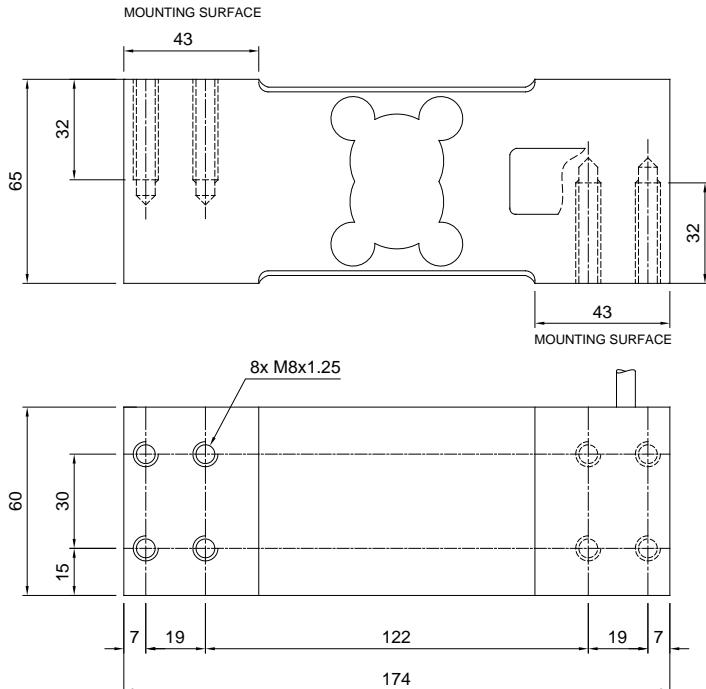
IP68-APL



Stainless steel drawn block.

BLOCAPL

DIMENSIONS (mm)

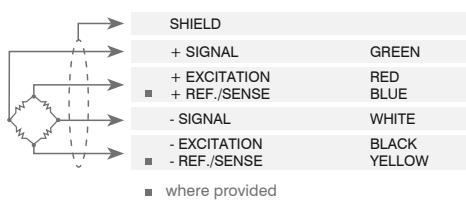


TECHNICAL FEATURES

Material	Alloy aluminum		
OIML R60 Accuracy class • Verification intervals	C3 • 3000	C4 • 4000	
Nominal load (E max)	50 - 100 - 150 - 200 - 300 - 500 kg	150 - 200 - 300 - 500 kg	
Minimum verification interval (V min)	E max / 12000	E max / 15000	
Combined error	≤ ±0.02%	≤ ±0.017%	
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	< ±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	0.015%	Ultimate overload (% of full scale)	300%
Max supply voltage without damage	18 V	Deflection at nominal load	0.5 mm

ELECTRICAL CONNECTIONS

Cable lenght	3 m
Cable diameter	6 mm
Cores	4/6 x 0.20 mm²



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