

SP12

SINGLE-POINT CELL for platforms 600x600 mm

VEIDA
SMART WEIGHING



Capacity from 50 kg to 500 kg

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



CAPACITY	kg	ACCURACY CLASS		PLATFORM (mm)	NET WEIGHT (kg)	CODE
		C3	C4			
50		•	-	600 x 600	1.7	SP12-50
100		•	-	600 x 600	1.7	SP12-100
150		•	•	600 x 600	1.7	SP12-150
200		•	•	600 x 600	1.7	SP12-200
300		•	•	600 x 600	1.7	SP12-300
500		•	•	600 x 600	1.7	SP12-500

CERTIFICATIONS

 OIML R60 C3

CERTIFICATIONS ON REQUEST

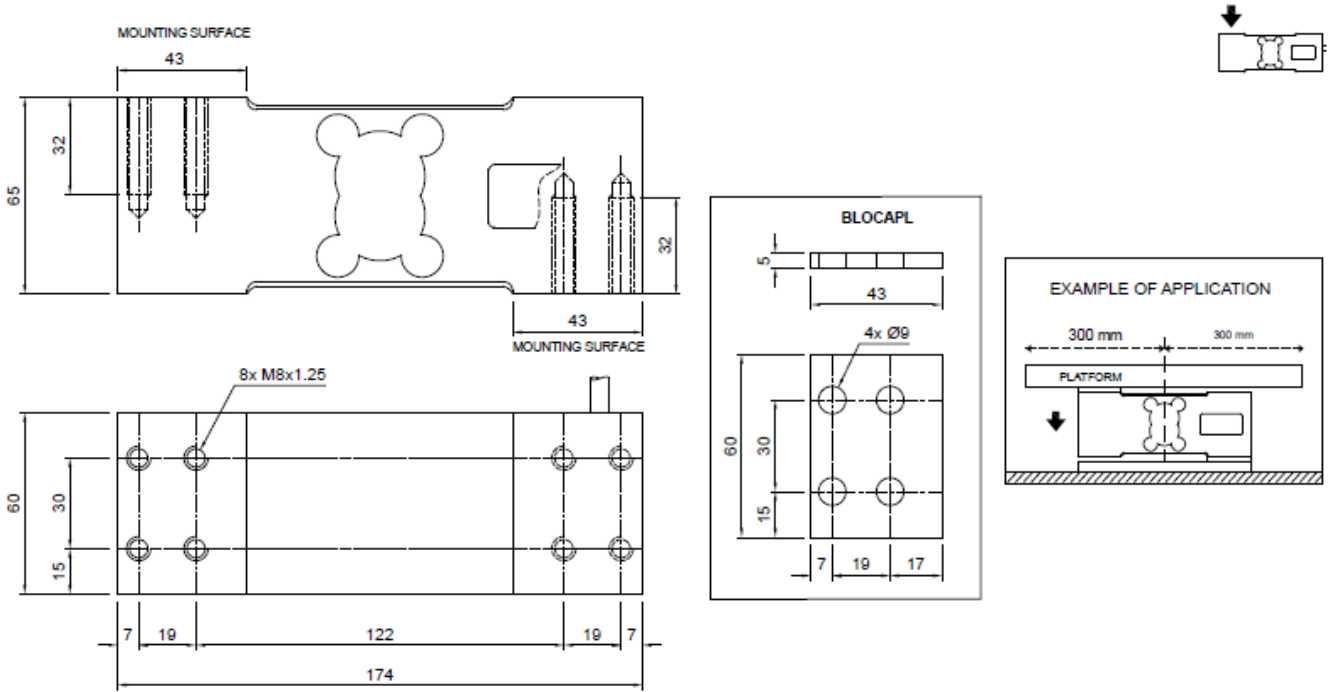
 OIML R60 C4

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DIMENSIONS (mm)



TECHNICAL FEATURES

Material	Aluminum alloy		
OIML R60 Accuracy class • Verification intervals	C3 • 3000	C3 • 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	2mV/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 length	3 m
Cable diameter	6 mm
Cores	6 × 0.20 mm ²

