

SP8

SINGLE-POINT LOAD CELL for platforms 800x800 mm



Capacity from 100 kg to 500 kg

- 17-4 PH STAINLESS STEEL
- COMBINED ERROR $\leq \pm 0.02\%$ (0.017% C4)
- PROTECTION CLASS IP68



CAPACITY	kg	ACCURACY CLASS		PLATFORM (mm)	NET WEIGHT (kg)	CODE
		C3	C4			
100		•	-	800 x 800	2.7	SP8-100
200		•	-	800 x 800	2.7	SP8-200
300		•	-	800 x 800	2.8	SP8-300
500		•	-	800 x 800	2.8	SP8-500

CERTIFICATIONS



OIML R60 C3

CERTIFICATIONS ON REQUEST

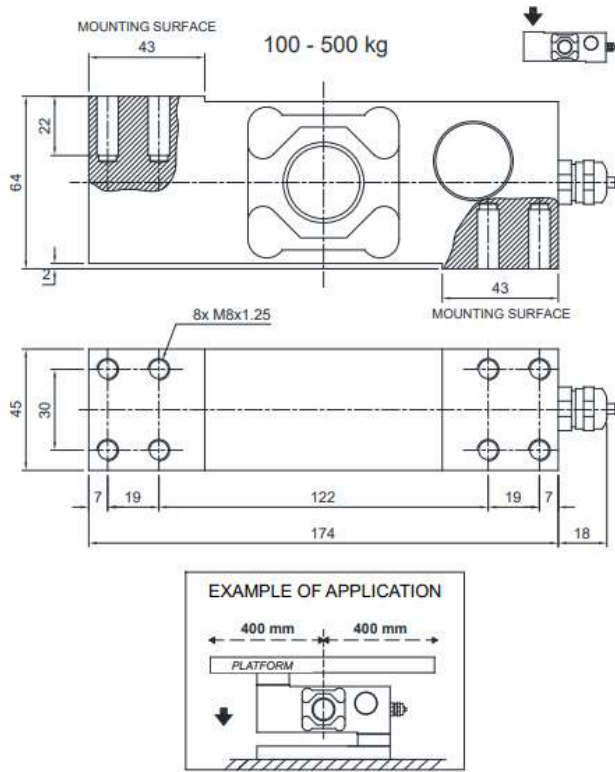


OIML R60 C4

SP8

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DIMENSIONS (mm)



TECHNICAL FEATURES

Material	17-4 PH Stainless steel		
OIML R60 Accuracy class • Verification intervals	C3 • 3000	C4 • 4000	
Nominal load (E max)	10-20-50-100-200-300-500	10 - 20 - 50 kg	
Minimum verification interval (V min)	E max / 10000	E max / 40000	
Combined error	≤±0.02%	≤±0.017%	
Protection class	IP68		
Rated output	2 mV/V ±10%	Input resistance	350 Ω ±3.5
Temperature effect on zero	0.0017% °C	Output resistance	350 Ω ±3.5
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	0.02%	Ultimate overload (% of full scale)	300%
Max supply voltage without damage	18 V	Deflection at nominal load	0.5 mm

ELECTRICAL CONNECTIONS

Cable length	3 m
Cable diameter	5 mm
Cores	4/6 x 0.20 mm ²

