

# SP11

SINGLE-POINT LOAD CELL for platforms 400x400 mm



IP65

Capacity from 60 kg to 300 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			
60	60	•	•	400 x 400	0.6	SP11-60
100	100	•	•	400 x 400	0.6	SP11-100
150	150	•	•	400 x 400	0.6	SP11-150
200	200	•	•	400 x 400	0.6	SP11-200
300	300	•	•	400 x 400	0.6	SP11-300

## CERTIFICATIONS



OIML R60 C3

CERTIFICATIONS ON REQUEST

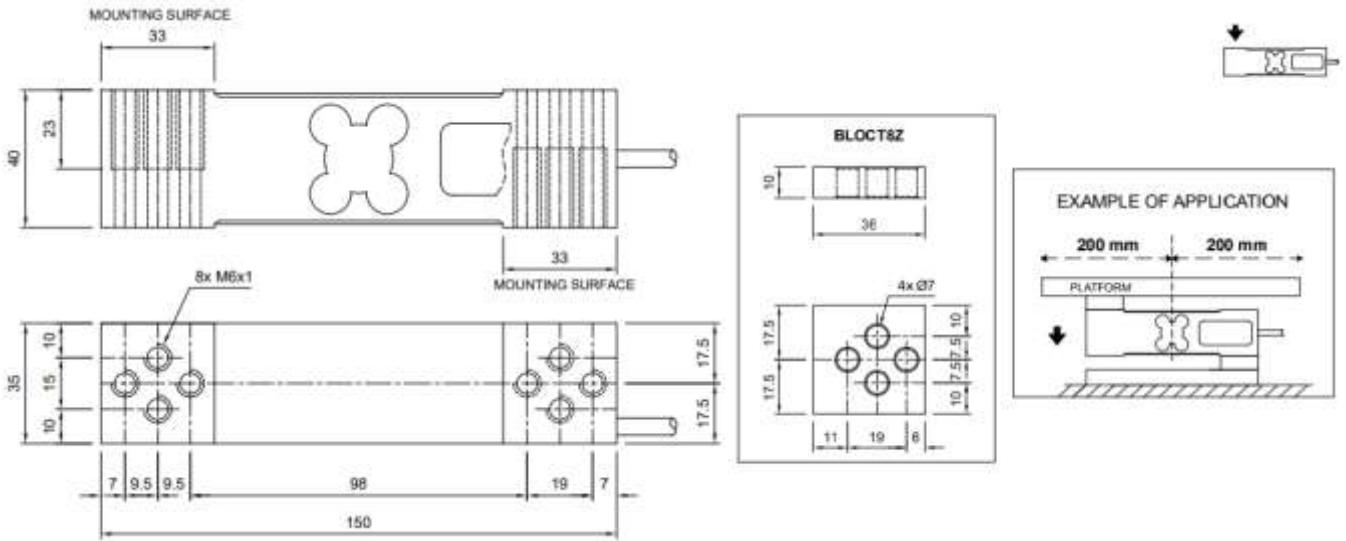


OIML R60 C4

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## DIMENSIONS (mm)



## TECHNICAL FEATURES

Material	Aluminum alloy	
OIML R60 Accuracy class • Verification intervals	C3 • 3000	C4 • 4000
Nominal load (E max)	60 - 100 - 150 - 200 - 300 kg	
Minimum verification interval (V min)	E max / 10000	E max / 15000
Combined error	≤±0.02%	≤±0.017%
Protection class	IP65	

Rated output	2 mV/V ±10%	Input resistance	406 Ω ±6
Temperature effect on zero	0.003% °C	Output resistance	350 Ω ±3
Temperature effect on span	0.002% °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	0.025%	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 x 0.20 mm <sup>2</sup>

