

SP15

SINGLE-POINT LOAD CELL for platforms 1200x1200 mm



Capacity from 1000 kg to 2000 kg

- ALUMINUM ALLOY
- COMBINED ERROR $\leq \pm 0.02\%$
- PROTECTION CLASS IP65



CAPACITY	kg	PLATFORM (mm)	NET WEIGHT (kg)	CODE
	1000	1200 x 1200	3.8	SP15-1000
	2000	1200 x 1200	3.8	SP15-2000

CERTIFICATIONS

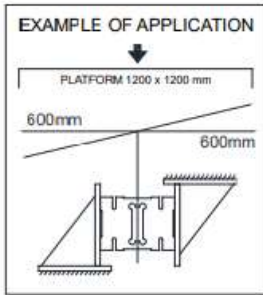
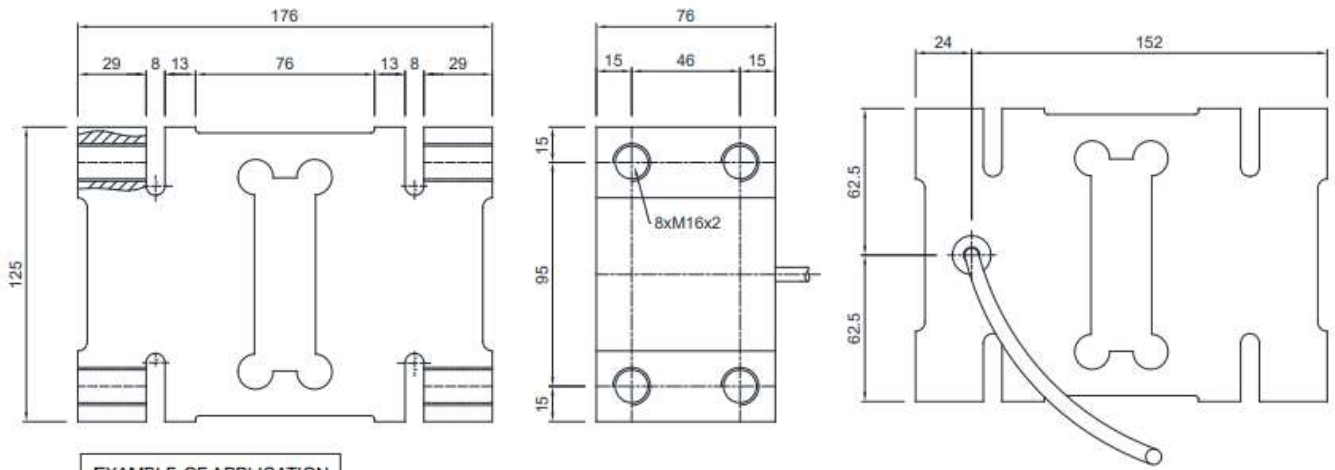


OIML R60 C3

SP15

SINGLE-POINT LOAD CELL for platforms 1200x1200 mm

DIMENSIONS (mm)



TECHNICAL FEATURES

Material	Aluminum alloy		
OIML R60 Accuracy class • Verification intervals	C3 • 3000		
Nominal load (E max)	1000 - 2000 kg		
Minimum verification interval (V min)	E max / 7000		
Combined error	≤±0.02%		
Protection class	IP65		
Rated output	2 mV/V ±10%	Input resistance	406 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	0.02%	Ultimate overload (% of full scale)	300%
Max supply voltage without damage	18 V	Deflection at nominal load	0.8 mm

ELECTRICAL CONNECTIONS

Cable length	3 m
Cable diameter	6 mm
Cores	6 x 0.20 mm ²

