

Model 1667 Single Point Load Cells

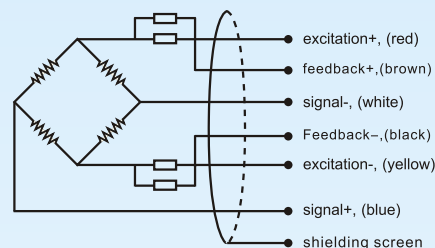


type: single point (off center) load cell
material: aluminum alloy
surface: anodized treatment
protection: IP 65
certificate: OIML C3 (option)
application: platform scales

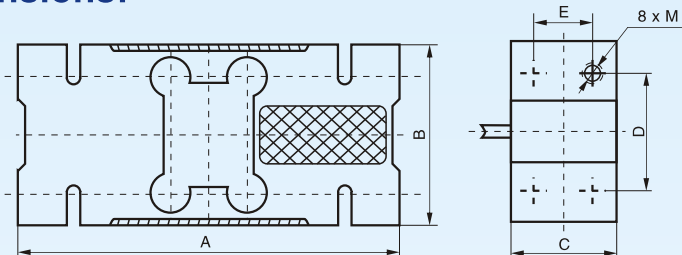
Suggested platform size:

50~200kg: 600mm x 600mm
250~500kg: 600mm x 800mm
750~2000kg: 1200mm x 1200mm

Electrical connection:



Dimensions:



Capacity(kg)	A	B	C	D	E	M
50~200	156	75	44	50	24	M12-7H
300, 500	146	95	60	70	36	M12-7H
1000, 2000	176	125	76	95	46	M16-7H

Specifications:

capacity	kg	50, 100, 200, 300, 500, 1000, 2000
safe overload	%FS	150
ultimate overload	%FS	200
rated output	mV/V	2.0 ± 0.1
excitation voltage	Vdc	10 (recommended), 9, ..., 12
maximum excitation	Vdc	18
zero unbalance	%FSO	± 1.5
combined error	%FSO	± 0.02 (option: OIML C3)
non-linearity	%FSO	± 0.02
hysteresis	%FSO	± 0.02
repeatability	%FSO	± 0.02
creep	%FSO/30min	± 0.02
input resistance	Ω	410 ± 10
output resistance	Ω	350 ± 10
insulation resistance	MΩ	≥ 5000@50 VDC
operating temperature range	°C	-20 ~ +65
compensated temperature range	°C	-10 ~ +40
temperature coefficient of SPAN	%FSO/°C	± 0.002
temperature coefficient of ZERO	%FSO/°C	± 0.002
electrical interface	cable	6-core shielded PVC cable cable diameter: Φ6.2 mm, cable length = 3 m

The listed specifications are subject to change without prior notice.

How to order: model-capacity-output-accuracy-cable specifications-customer specific requests (if any)
ordering code example: 1667 - 200kg - 2mV/V - 0.02%fso - cable(Φ6.2mm, 6-core shielded PVC cable, 3m)



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