

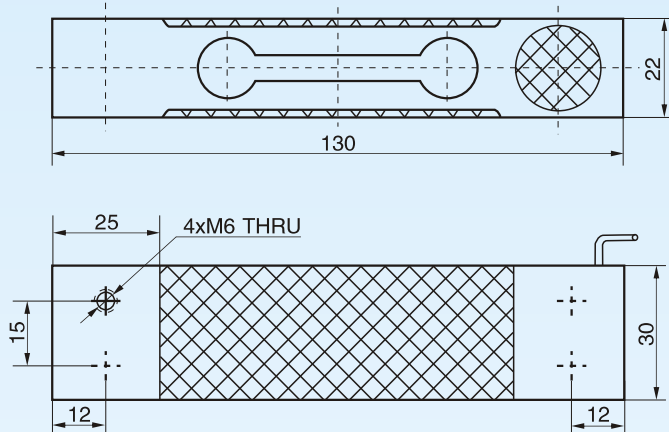
Model 1661 Single Point Load Cells



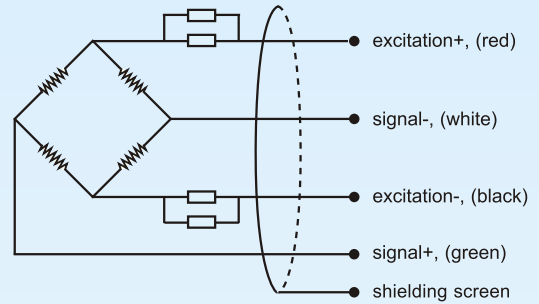
type: single point (off center) load cell
material: aluminum alloy
surface: anodized treatment
protection: IP 65
certificate: OIML C3 (option)
application: retail, bench and counting scales

Suggested platform size: 250mm x 350mm

Dimensions:



Electrical connection:



Specifications:

capacity	kg	2.5, 3, 5, 10, 20, 30, 50
safe overload	%FS	120
ultimate overload	%FS	150
rated output	mV/V	2.0 ± 0.1
excitation voltage	V	9~12 DC/AC
maximum excitation	V	18 DC/AC
combined error	%FSO	0.02 (option: OIML C3)
zero unbalance	%FSO	± 1.0
non-linearity	%FSO	± 0.02
hysteresis	%FSO	± 0.02
repeatability	%FSO	± 0.01
creep	%FSO/30min	± 0.02
input resistance	Ω	400 ± 10 (standard); 1060 ± 10
output resistance	Ω	350 ± 10 (standard); 1000 ± 10
insulation resistance	MΩ	≥ 5000@50 VDC
temperature coefficient of SPAN	%FSO/10°C	± 0.02
temperature coefficient of ZERO	%FSO/10°C	± 0.02
compensated temperature range	°C	-10 ~ +40
operating temperature range	°C	-20 ~ +65
electrical interface (cable)		4-core PVC shielded cable cable diameter: ø3.8mm, cable length: 350 mm

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: 1661-20kg-2mV/V-OIML C3-cable (ø3.8mm, 4-core PVC shielded cable, 350mm)



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