

QL-51B Mini load Cell

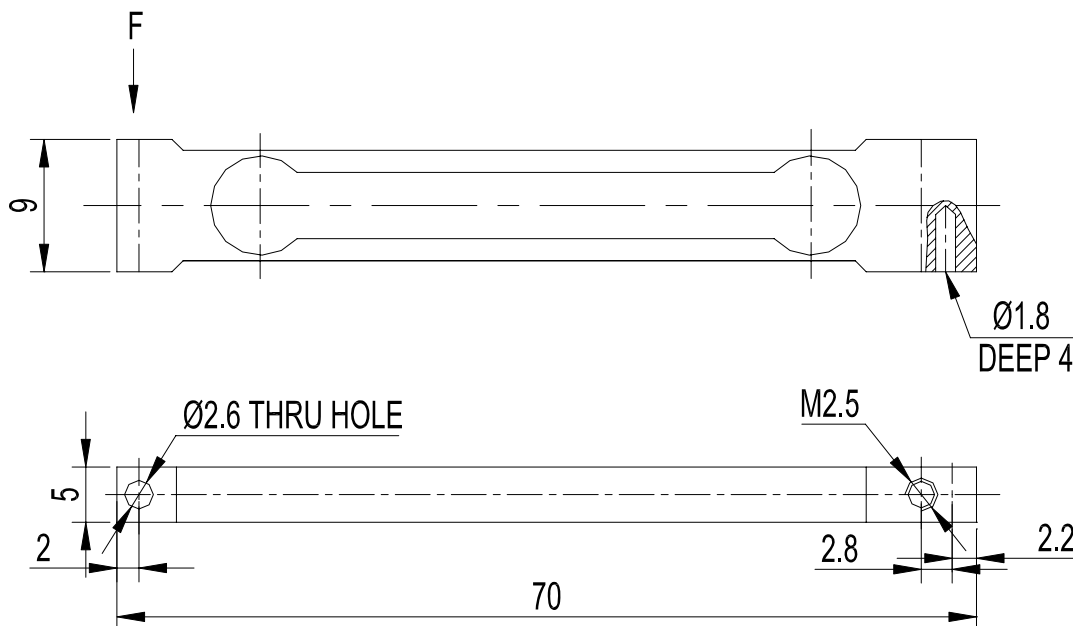
QL-51 miniature sensor are available in the capacities from 50g
Aluminum construction, silicon adhesive sealed, surface anodized and anti-corrosion.
Integral structure and easy installation.
Suitable for electronic balance, electronic platform scale and other electronic weighing devices.



Features:

- ◆ Capacity : 20~200g
- ◆ Defend grade: IP65
- ◆ High accuracy.
- ◆ Aluminum parallel beam
- ◆ Integral installation, Low profile and nice exterior.

Electrical connection and Dimensions:



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QL-51B

Technical Specifications

Specifications:		
capacity	g	20, 30, 50, 100, 200
ultimate overload	%FS	150
rated output	mV/V	0.5 ± 0.15
excitation voltage	Vdc	≤ 6
combined error	%FS	± 0.05
zero unbalance	mV/V	± 0.5
non-linearity	%FS	± 0.05
hysteresis	%FS	± 0.05
repeatability	%FS	± 0.05
creep	%FS/5min	± 0.05
input resistance	Ω	1055 ± 10
output resistance	Ω	1000 ± 10
insulation resistance	M Ω	$\geq 2000 @ 50 \text{ Vdc}$
compensated temperature range	$^{\circ}\text{C}$	-10 ~ +40
temperature coefficient of SPAN	%FS/ 10°C	± 0.05
temperature coefficient of ZERO	%FS/ 10°C	± 2.0

Electrical connection:

Excitation+ red Excitation- black Signal+ green Signal- white

Four-core shielded cable with polyethylene. Cable is not connected with elastomer.

The cable length could be chose by customer's application.

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