

QL-58 mini load cells are available in the capacities from 0.6kg to 3kg.

Aluminum alloy construction with parallel beam type.

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:

1. Capacity: 0.6kg to 3kg.

2. High accuracy.

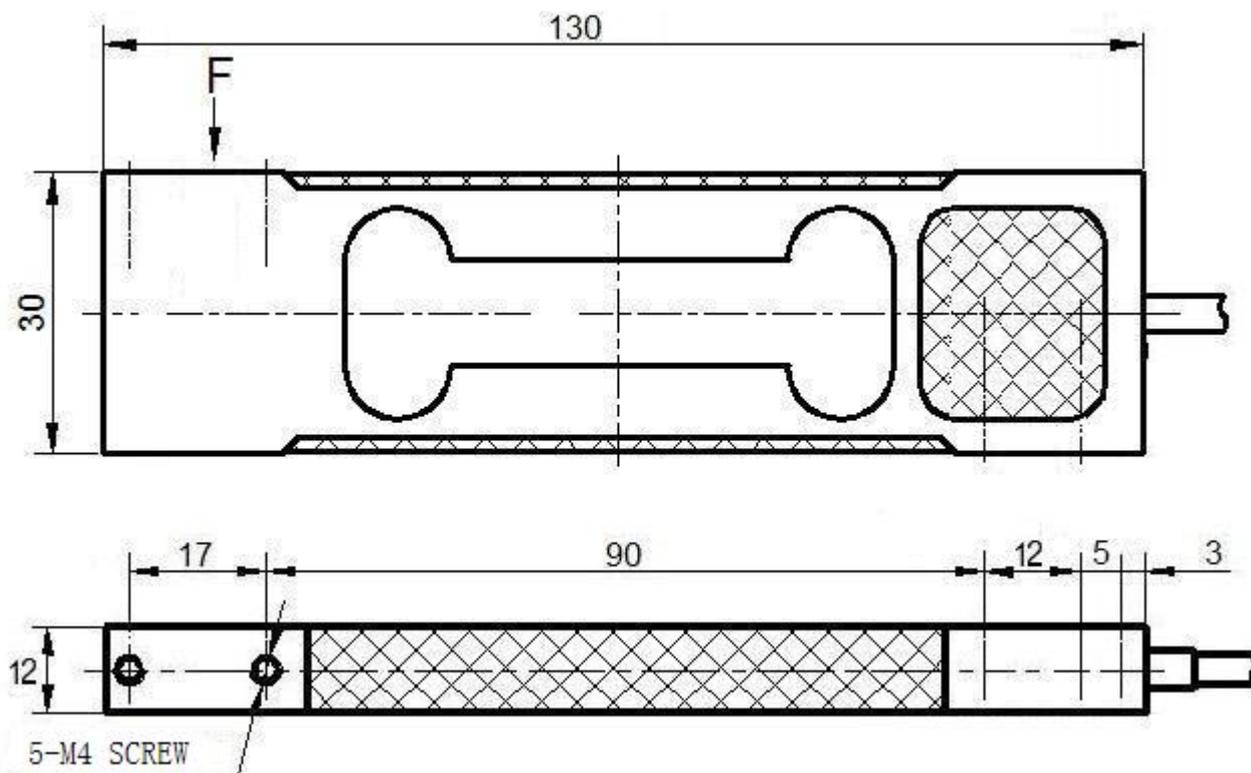
Aluminum alloy parallel beam parallel beam.

3. Max. Platform size: 250x300mm.

4. Integral installation.

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

Electrical connection and Dimensions:



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Technical Specifications

Specifications:		
Capacity	kg	0.6 ,1,2,3
Safe overload	%FS	120
Ultimate overload	%FS	150
Rated output	mV/V	1.0 ± 0.1
Excitation voltage	Vdc	5~12
Combined error	%FS	± 0.01
Zero unbalance	%FS	± 0.1
Non-linearity	%FS	± 0.05
Hysteresis	%FS	± 0.03
Repeatability	%FS	± 0.03
Creep	%FS/30min	± 0.05
Input resistance	Ω	350 ± 30
Output resistance	Ω	350 ± 30
Insulation resistance	M Ω	≥ 3000 @ 50 Vdc
Operating temperature range	°C	-20~ +55
Compensated temperature range	°C	-10 ~ +40
Temperature coefficient of SPAN	%FS/10°C	± 0.05
Temperature coefficient of ZERO	%FS/10°C	± 0.05

Electrical connection:

Excitation+ red Excitation- black Signal+ green Signal- white
 Four-core shielded cable with polyethylene; shielding wire is not connected with elastomer.
 Cable length: 250 mm ± 20 mm
 Cable diameter : 3±0.2 mm

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