

QL-53 miniature sensor are available in the capacities from 3kg to 60kg.

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 price computing scale and other electronic weighing devices.



Features:

Capacity : 3kg to 60kg

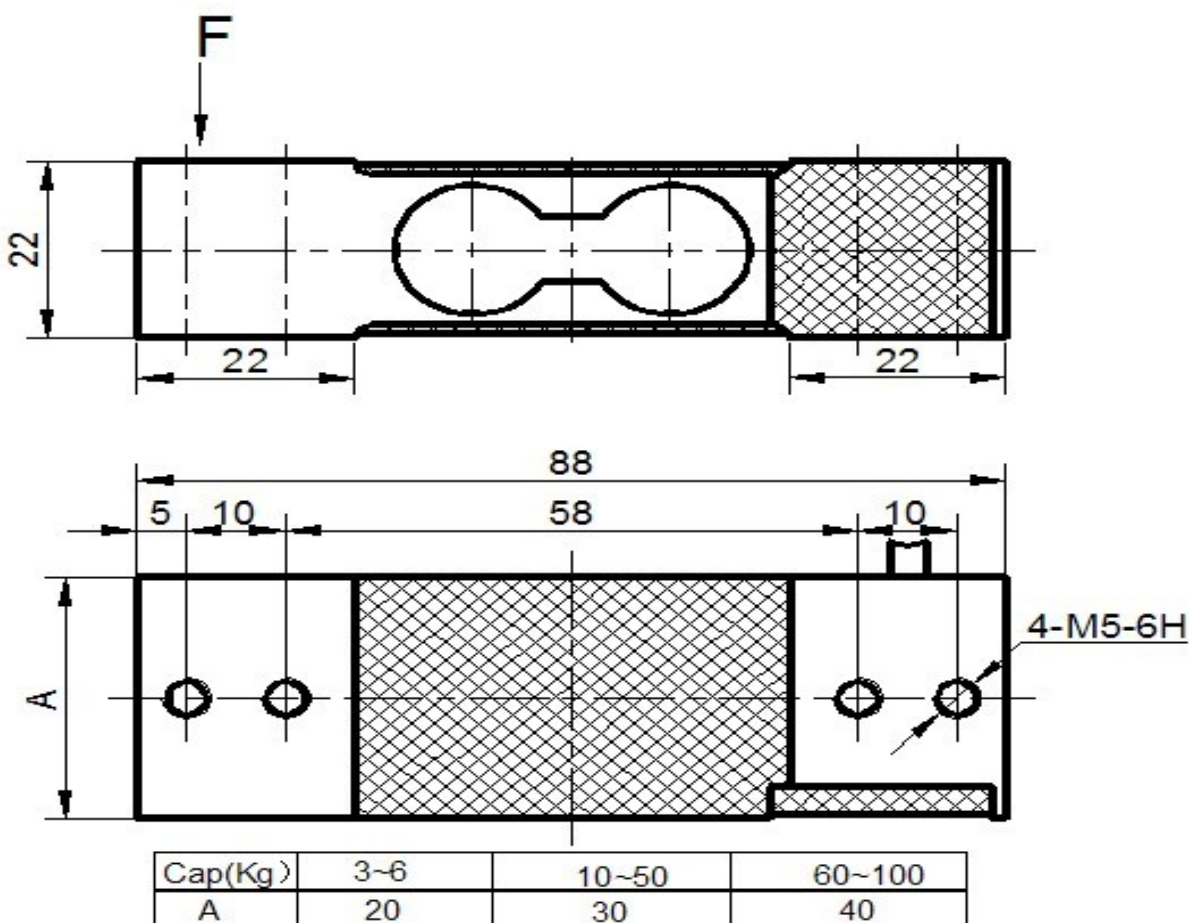
Defend grade: IP65

High accuracy,parallel beam type, reliable performance.

Integral structure and easy installation.

Recommended platform size:250x350mm

Electrical connection and Dimensions:



Technical Specifications

Specifications:		
Capacity	kg	3, 5,10,15,20,25,30,50,60
Safe overload	%FS	120
Ultimate overload	%FS	150
Rated output	mV/V	2.0 ± 0.2
Excitation voltage	Vdc	9~12
Combined error	%FS	± 0.03
Zero unbalance	%FS	± 2
Non-linearity	%FS	± 0.03
Hysteresis	%FS	± 0.03
Repeatability	%FS	± 0.02
Creep	%FS/30min	± 0.02
Input resistance	Ω	405 ± 6
Output resistance	Ω	350 ± 3
Insulation resistance	M Ω	≥ 5000 @ 100 Vdc
Operating temperature range	°C	-20~ +55
Compensated temperature range	°C	-10 ~ +40
Temperature coefficient of SPAN	%FS/10°C	± 0.02
Temperature coefficient of ZERO	%FS/10°C	± 0.03

Electrical connection:

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

Four-core shielded cable with polyethylene.

Cable diameter : \varnothing 4mm

Cable length: 450mm

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

QY Electronic Co Ltd

Address: No. 1032, Xinghan Road, Hantai District, Hanzhong, Shaanxi, China (Mainland)

Website: www.qysensor.com

E-mail: info@qysensor.com

TEL: +86-(0)916-2257989

Zip: 723000