

MT603 Load Cell



Features

Single Point Load cell
Capacities from 3 to 50kg
Made from Air Craft quality Aluminum
Silicone Sealed
250mm* 350mm platform size

Applications

Retails Scales
Counting Scales
Check weighing scales
Price Computing Scales
Platform scales

Specifications

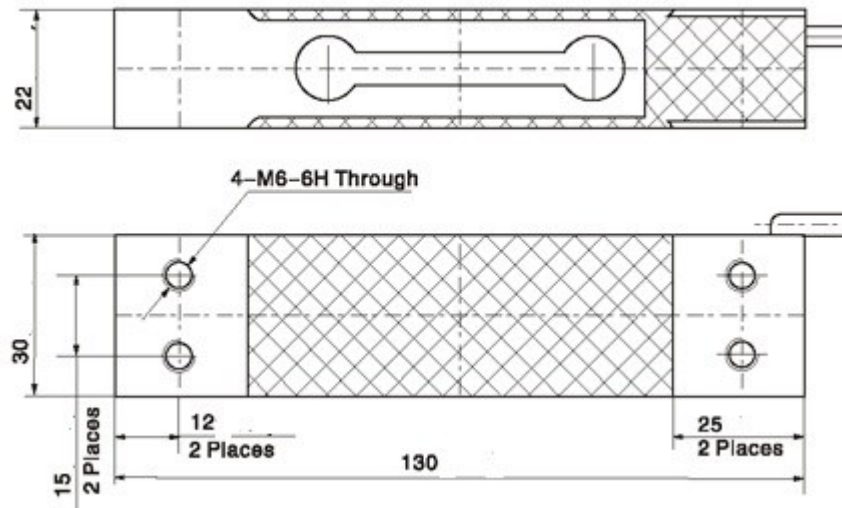
Capacity	Kg	3, 6,10,20,30 , 35 and 50kg
Combined Error	(%FS)	$\leq \pm 0.020$
Creep (30 minutes)	%FS/30min	$\leq \pm 0.024$
Temperature effect on sensitivity	(%FS/10C)	$\leq \pm 0.012$
Temperature effect on zero	(%FS/10C)	$\leq \pm 0.020$
Output sensitivity	(mv/v)	2.0 ± 0.2
Input resistance	(Ω)	409+/-9
Output resistance	(Ω)	350+/-3.5
Insulation resistance	(M Ω)	≥ 5000 (50VDC)
Zero balance	(%FS)	2.0
Temperature, Compensated	($^{\circ}\text{C}$)	-10 \sim +40
Temperature, Operating	($^{\circ}\text{C}$)	-20 \sim +60
Excitation, Recommended	(V)	5 \sim 12(DC)
Excitation, Max	(V)	18(DC)
Safe overload	(%FS)	150
Ultimate overload	(%FS)	300



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Dimensions (mm)

Cable

4 Core, 4 mm dia

Cable Length: 40cm

Color Code

Exc+ Red, Exc- Black

Sig+ Green, Sig- White

Screen- Transparent

Excitation + (Red): Connect to the positive terminal of your 5V power supply.
Excitation - (Black): Connect to the negative terminal of your 5V power supply (ground).
Signal + (Green): This is the positive output signal. Connect this to one of the input channels on your oscilloscope.
Signal - (White): This is the negative output signal. Connect this to the ground of your oscilloscope.

Specifications are subject to change without notice for improvement

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