

FEATURES

- L6D16 load cells are available in the capacities 3kg-40kg.
- Aluminum, surface anodized, special protection process, anti-corrosion, high waterproof ability.
- Suitable for electronic pricing scales, electronic platform scales and other electronic weighing devices.



AVAILABLE MODELS

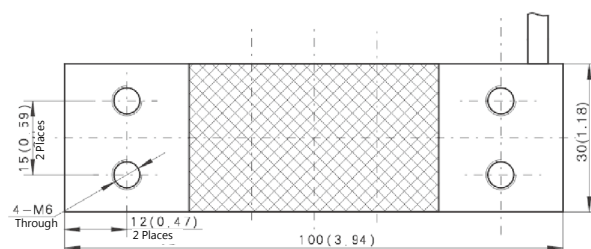
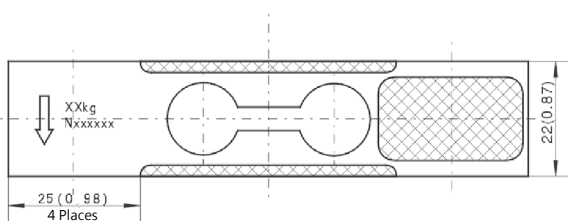
3kg-40kg	C3	L6D16-C3-xxkg-0.22B
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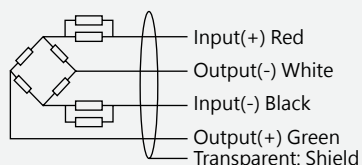
SPECIFICATION

Maximum capacity (E _{max})	kg	3/5/8/10/20/30/40
Output sensitivity (=FS)	mV/V	2.0±0.2
Accuracy class		C3
Combined error	%FS	±0.02
Creep	%FS/30 _{min}	±0.0167
Temperature effect on sensitivity	%FS/10°C	±0.0175
Temperature effect on zero	%FS/10°C	±0.02
Zero balance	%FS	±2
Compensated temperature	°C	-10~ +40
Operating temperature	°C	-35~ +65
Input resistance	Ω	406±6
Output resistance	Ω	350±3
Insulation resistance	MΩ	≥ 5000 (50VDC)
Excitation, recommended voltage	V	5~12 (DC)
Excitation maximum	V	18 (DC)
Safe overload	%FS	120
Ultimate overload	%FS	150
Ingress protection (according to EN 60529)		IP65
Recommended installation size	mm	250×350
Corner correction		0.02%load value/100mm
Recommended torque on fixation	N.m	3kg-30kg
		40kg
		6
		10

DIMENSIONS IN MM



WIRING



- Shielded, 4 conductor cable.
- Cable diameter: Φ3.8mm.
- Standard cable length: 0.22m.
- Shield is not connected to element.
- Cable jacket in PVC.