

## 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

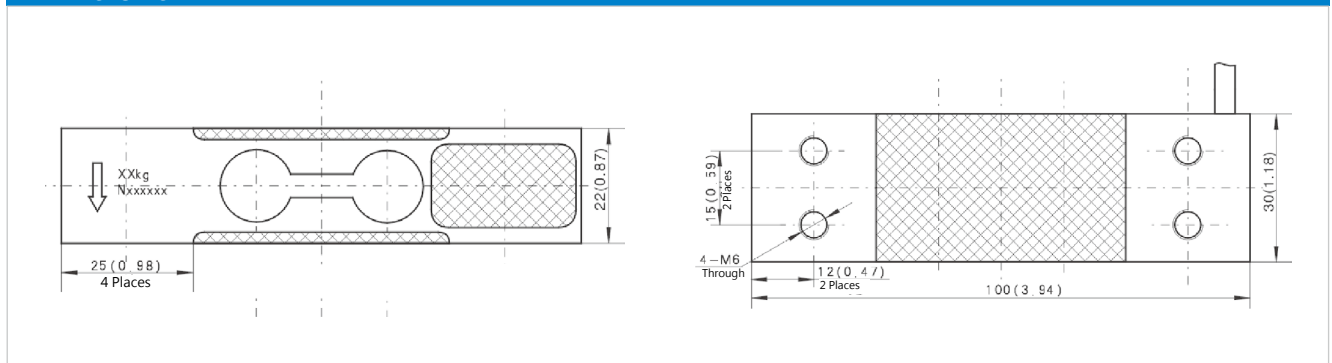
3kg-40kg	C3	L6D16-C3-xxkg-0.22B
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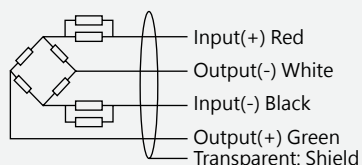
## SPECIFICATION

Maximum capacity (E <sub>max</sub> )	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/30min	±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	6
		40kg	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.