

# L6D-FS

## FEATURES

- Aluminum-alloy IP65 single point load cell
- Colourless anodized. High waterproof ability
- Suitable for pricing scales, bench scales, etc.
- Maximum platform size:250\*350mm

## AVAILABLE MODELS

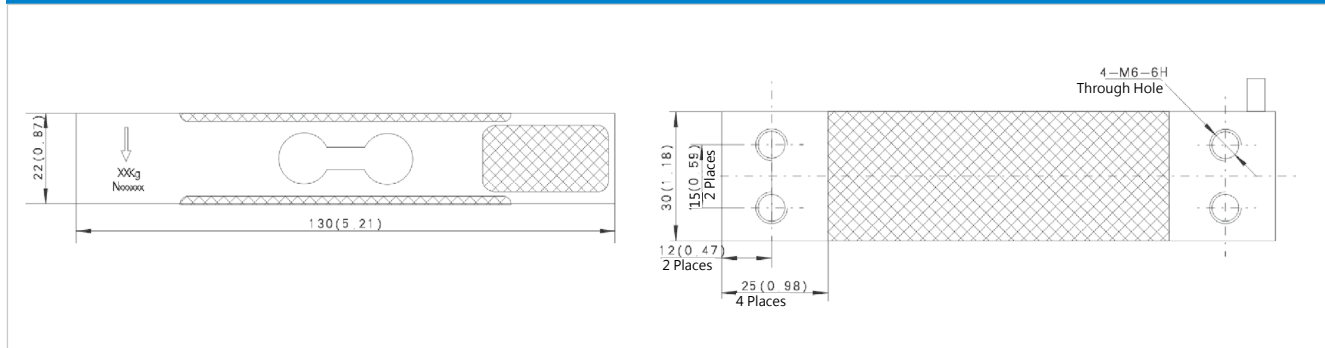
Capacity	Accuracy	Full article description
3kg-50kg	C3	L6D-C3-xxkg-0.45B-FS



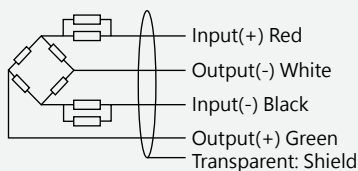
## SPECIFICATION

Maximum capacity (E <sub>max</sub> )	kg	3/5/6/8/10/15/20/25/30/35/40/50
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	6

## DIMENSIONS IN MM



## WIRING



- Shielded, 4 conductor cable
- Cable diameter: Φ3.8mm
- Standard cable length: 0.45m
- Shield is not connected to element
- Cable jacket in PVC