L6J1

FEATURES

- Aluminium-Alloy IP65 single point load cell
- Colourless anodized
- Suitable for counting scales, balances, pricing scales, etc.
- Recommended platform size: 200 x 200 mm



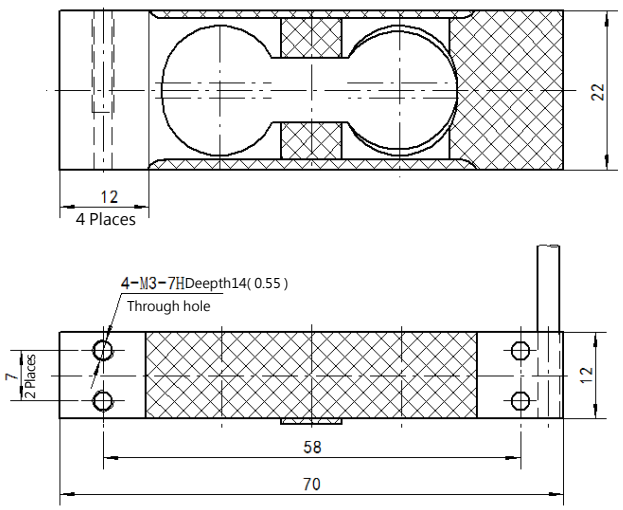
AVAILABLE MODELS

Capacity	Accuracy	Full article description
0.3 kg	C3D	L6J1-C3D-0.3kg-0.45B
0.4 kg	C3D	L6J1-C3D-0.4kg-0.45B
0.5 kg	C3D	L6J1-C3D-0.5kg-0.45B
0.6 kg	C3D	L6J1-C3D-0.6kg-0.45B
1 kg	C3D	L6J1-C3D-1kg-0.45B
3 kg	C3D	L6J1-C3D-3kg-0.45B

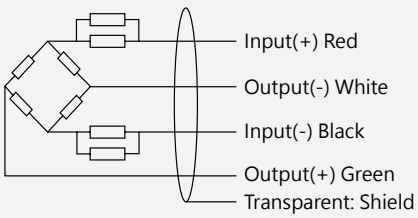
SPECIFICATION

Accuracy class		C3D
Output sensitivity (=FS)	mV/V	1.0 ± 0.1
Maximum capacity (E_{max})	kg	0.3/0.4/0.5/0.6/1/3
Maximum number of load cell intervals (nLC)		2500
Ratio of minimum LC verification interval $Y=E_{max} / V_{min}$		5000
Combined error	%FS	± 0.0280
Minimum dead load	%FS	0
Safe overload	%FS	120
Ultimate overload	%FS	150
Zero balance	%FS	± 2.0
Excitation, recommended voltage	V	5 ~ 12 (DC)
Excitation maximum	V	18 (DC)
Input resistance	Ω	406 ± 6
Output resistance	Ω	350 ± 3
Insulation resistance	MΩ	⩾ 5000 (50VDC)
Compensated temperature	°C	-10 ~+40
Operating temperature	°C	-35 ~ +65
Storage temperature	°C	-40 ~ +70
Element material		Aluminium
Recommended torque on fixation	N.m	M3: 1.5
Ingress protection (according to EN 60529)		IP65

DIMENSIONS IN MM



WIRING



- Shielded, 4 conductor cable.
- Cable Diameter: Φ3mm
- Standard cable length: 0.45m
- Shield is not connected to element.
- Cable jacket is PVC