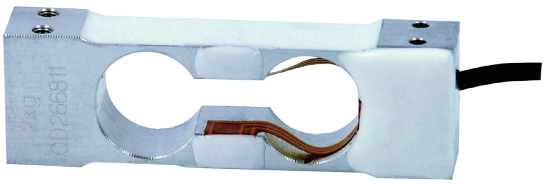
L6J1



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

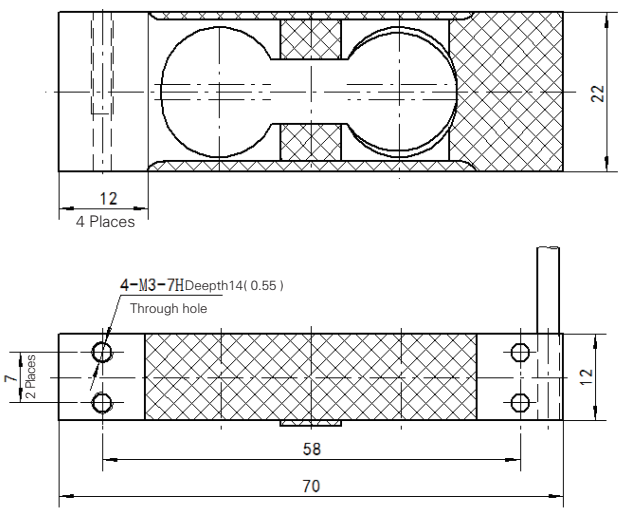
Available models

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

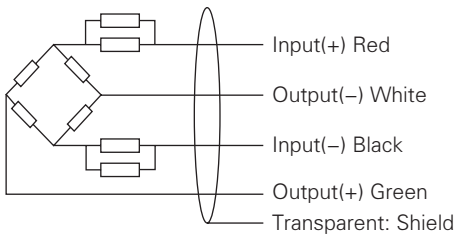
Specification

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	℃	–10 ~+40
Operating temperature	℃	–35 ~ +65
Storage temperature	℃	–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 not connected to element.
- Cable jacket is PVC