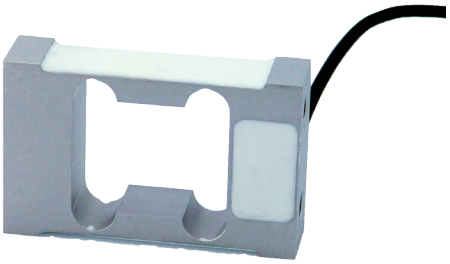
L6H5



- Aluminium–Alloy IP65 single point load cell
- Colourless anodized
- Suitable for single or double load cell structured platform scales
- Recommended platform size: 200 x 200 mm

test certificate no. TC7839 Revision 0
C of C no R60/2000–NL1–10.23

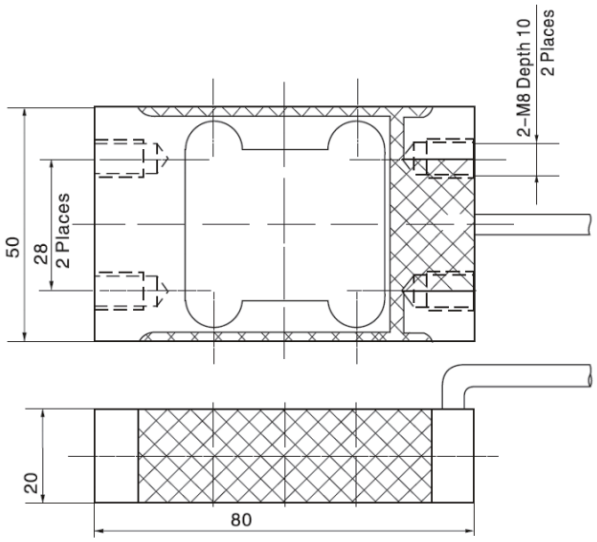
Available models

Capacity	Accuracy	Full article description
4 kg	C3	L6H5–C3–4kg–0.5B
5 kg	C3	L6H5–C3–5kg–0.5B
6 kg	C3	L6H5–C3–6kg–0.5B
8 kg	C3	L6H5–C3–8kg–0.5B
10 kg	C3	L6H5–C3–10kg–0.5B
20 kg	C3	L6H5–C3–20kg–0.5B
30 kg	C3	L6H5–C3–30kg–0.5B

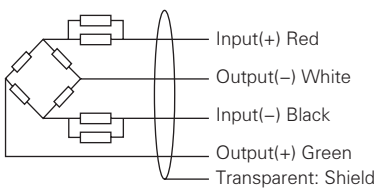
Specification

Accuracy class		OIML R60 C3
Output sensitivity (= FS)	mV/V	2.0 ± 0.2
Maximum capacity (E_{max})	kg	4/5/6/8/10/15/20/30
Maximum number of load cell intervals (nLC)		3000
Ratio of minimum LC verification interval Y = E_{max} / v_{min}		15000
Combined error	%FS	± 0.02
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	M8: 25
Ingress protection (according to EN 60529)		IP65

Dimensions in mm



Wiring



- Shielded, 4 conductor cable.
- Cable diameter: Φ3.8mm.
- Standard cable length: 0.5m.
- Shield not connected to element.
- Cable jacket in PVC.