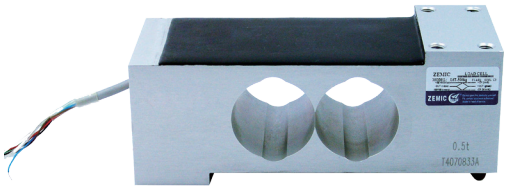
L6T



- Aluminium–Alloy IP65 single point load cell
- Colourless anodized
- Suitable for single or double load cell structured platform scales
- Maximum platform size: 600 x 600 mm

test certificate no. D09–10.23
C of C no R60/2000–DE1–10.11

Certificate no. 12–006

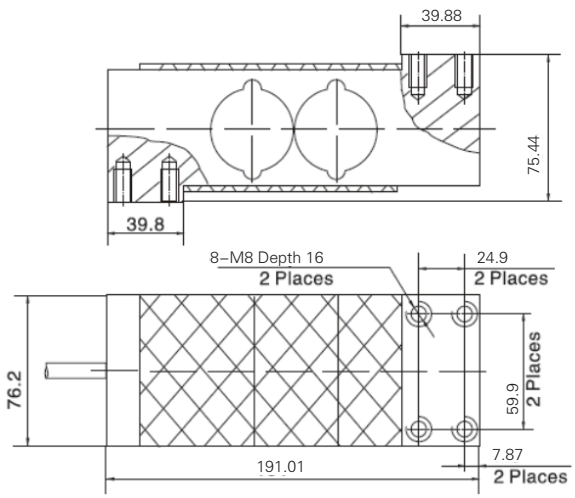
Available models

Capacity	Accuracy	Full article description
50 kg	C3/C4	L6T–C3/C4–50kg–3B6
75 kg	C3/C4	L6T–C3/C4–75kg–3B6
100 kg	C3/C4	L6T–C3/C4–100kg–3B6
150 kg	C3/C4	L6T–C3/C4–150kg–3B6
200 kg	C3/C4	L6T–C3/C4–200kg–3B6
250 kg	C3/C4	L6T–C3/C4–250kg–3B6
300kg	C3	L6T–C3–300kg–3B6
500kg	C3	L6T–C3–500kg–3B6
635kg	C3	L6T–C3–635kg–3B6
1000kg	C3	L6T–C3–1000kg–3B6

Specification

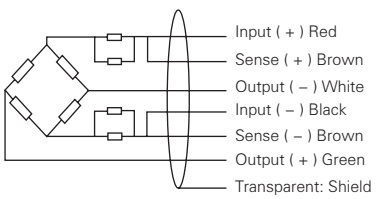
Accuracy class		OIML R60 C3		OIML R60 C4
Output sensitivity (= FS)	mV/V	2.0 ± 0.2		
Maximum capacity (Emax)	kg	50/75/100/150/200/250	300/500/635/1000	50/75/100/150/200/250
Maximum number of load cell intervals (nLC)		3000		4000
Ratio of minimum LC verification interval Y = Emax / vmin		6500	15000	6500
Combined error	%FS	± 0.02		± 0.0150
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



M	Metric	Imperial
	M6	5/16–18UNC

Wiring



- Shielded, 6 conductor cable.
- Cable diameter: Φ4.8mm.
- Standard cable length: 3m.
- Shield not connected to element.
- Cable jacket in PVC.