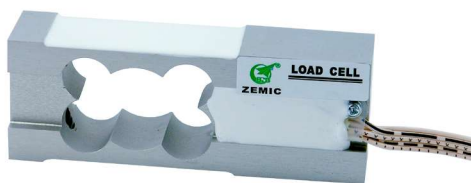


L6C



- Aluminium-alloy IP65 single point load cell.
- Colourless anodized
- Suitable for counting and other electronic scales
- Maximum platform size: 350 x 450 mm

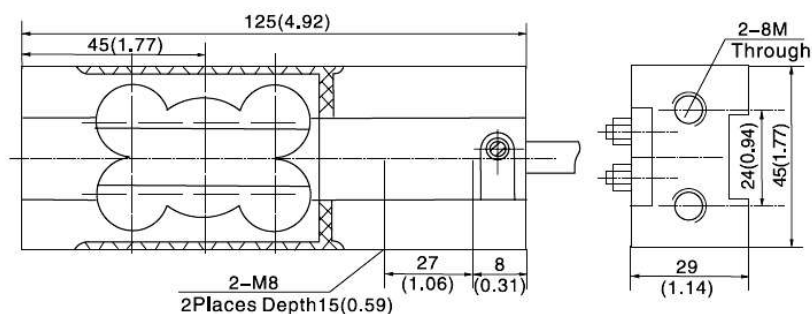
Available models

Capacity	Accuracy	Full article description
3 kg	C3D/C3	L6C-C3D/C3-3kg-0.35P5
5 kg	C3D/C3	L6C-C3D/C3-5kg-0.35P5
8 kg	C3D/C3	L6C-C3D/C3-8kg-0.35P5
20 kg	C3D/C3	L6C-C3D/C3-20kg-0.35P5
30 kg	C3D/C3	L6C-C3D/C3-30kg-0.35P5
50 kg	C3D/C3	L6C-C3D/C3-50kg-0.35P5

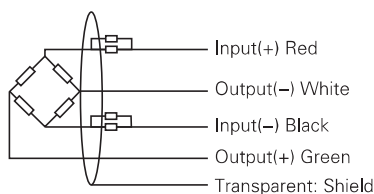
Specification

Accuracy class		C3D	C3
Output sensitivity (= FS)	mV/V	1.9 ± 0.2	
Maximum capacity (Emax)	kg	3, 5, 8, 20, 30, 50	
Maximum number of load cell intervals (nLC)		2500	3000
Ratio of minimum LC verification interval Y = Emax / vmin		5000	10000
Combined error	%FS	± 0.0280	± 0.0200
Safe overload	of Emax	120 %	
Ultimate overload	of Emax	150 %	
Zero balance	%FS	± 2.0 %	
Excitation, recommended voltage	V	5 ~ 12 (DC)	
Excitation maximum	V	18 (DC)	
Terminal resistance, input	Ω	406 ± 6	
Terminal resistance, output	Ω	350 ± 3	
Insulation impedance	MΩ	≥ 5000 (at 50VDC)	
Temperature range, compensated	°C	-10 ~ +40	
Temperature range, operating	°C	-20 ~ +50	
Element material		Aluminium	
Recommended torque on fixation bolts	N.m	15	
Ingress Protection (according to EN 60529)		IP65	

Dimensions in mm



Wiring



Cable Marking	Fuction
---	Input(+)
	Output(+)
xxxxxx	Input(-)
----	Output(-)
—	Shielded

- Adopt a shielded, 5 conductor ribbon cable.
- Cable length: 0.35 ± 0.05m
- Shield not connected to element