

## Short description



- Aluminium-alloy IP65 single point load cell
- Colourless anodized
- Suitable for electronic pricing scales, electronic platform scales and other electronic weighing devices
- Maximum platform size: 350 x 400 mm

Non OIML approved

## Available models

Capacity	Accuracy	Full article description
5kg	C3	L6L-C3-5kg-1B
8kg	C3	L6L-C3-8kg-1B
10kg	C3	L6L-C3-10kg-1B
15kg	C3	L6L-C3-15kg-1B
20kg	C3	L6L-C3-20kg-1B
30kg	C3	L6L-C3-30kg-1B
50kg	C3	L6L-C3-50kg-1B
80kg	C3	L6L-C3-80kg-1B
100kg	C3	L6L-C3-100kg-1B
150kg	C3	L6L-C3-150kg-1B
200kg	C3	L6L-C3-200kg-1B

## Technical specifications L6L

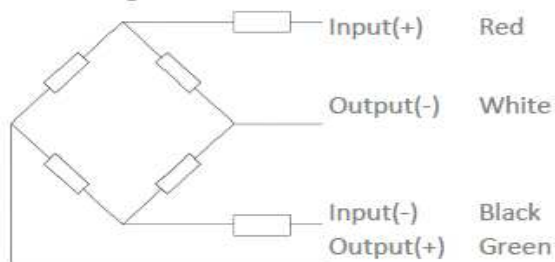
Accuracy class		C3
Output sensitivity ( = FS )	mV/V	2.0 ± 0.2
Maximum capacity ( E <sub>max</sub> )	kg	5, 8, 10, 15, 20, 30, 50, 80, 100, 150, 200
Max. number of load cell intervals	n <sub>LC</sub>	2500
Ratio of min. LC verification interval	Y = E <sub>max</sub> / V <sub>min</sub>	5000
Combined Error	%FS	≤ ± 0.03
Minimum dead load	Of E <sub>max</sub>	0%
Safe overload	of E <sub>max</sub>	150 %
Ultimate overload	of E <sub>max</sub>	300 %
Zero balance	of FS	< ± 2.0 %
Excitation, recommended voltage	V	5 ~ 12
Excitation maximum	V	18
Input resistance	Ω	406 ± 6
Output resistance	Ω	350 ± 3
Insulation resistance	MΩ	≥5000 ( at 50VDC )
Compensated temperature	°C	-10 ~ +40
Operating temperature	°C	-35 ~ +65
Storage temperature	°C	-40 ~ +70
Element material		Aluminium
Ingress Protection (acc. To EN 60529)		IP65
Recommended torque on fixation	Nm	M6: 10
Corner correction		0.02% load value/100mm

## Wiring

### Features:

Shielded, 4 conductor cable  
 Cable Diameter: Ø5.3mm  
 Standard cable length: 1m  
 Shield not connected to element  
 Cable jacket is PVC.

### 4-wire diagram



Dimensions in mm

