



Short Description

- Aluminium-alloy IP65 single point load cell
- Colourless anodized
- Suitable for pricing scales, bench scales, etc.
- Suitable for single or double load cell structured platform scales
- Maximum platform size: 350 x 350 mm



Test certificate no. D09-09.13

Available Models

Capacity	Accuracy	Full Article Description
6kg	C3 / C5	L6D15-C3/C5-6kg-0.85B
9kg	C3 / C5	L6D15-C3/C5-9kg-0.85B
12kg	C3 / C5	L6D15-C3/C5-12kg-0.85B
15kg	C3 / C5	L6D15-C3/C5-15kg-0.85B
18kg	C3 / C5	L6D15-C3/C5-18kg-0.85B
30kg	C3 / C5	L6D15-C3/C5-30kg-0.85B

Specifications and dimensions are subject to change without notice and do not constitute any liability whatsoever.

Technical Specifications L6D15

Accuracy Class		OIML R60 C3	OIML R60 C5
Output Sensitivity (= FS)	mV/V	2.0 ± 0.2	
Maximum Capacity (E _{max})	kg	6, 9, 12, 15, 18, 30	
Max. Number of Load Cell Intervals	n _{LC}	3000	5000
Ratio of min. LC Verification Interval	Y = E _{max} / v _{min}	15000	20000
Combined Error	%FS	≤± 0.023	≤± 0.017
Creep Error (30 minutes)	%FS	≤± 0.025	≤± 0.015
Temperature Effect on Zero (ZTC)	%FS/10°C	≤± 0.014	≤± 0.009
Temperature Effect on Sensitivity (STC)	%FS/10°C	≤± 0.017	≤± 0.011
Zero Balance	%FS	≤± 1.0	
Safe Overload	%FS	150	
Ultimate Overload	%FS	300	
Maximum Deflection	mm	0.34	
Eccentric Loading Error	%Ld/cm	± 0.002	
Excitation, Recommended Voltage	V	5 ~ 12	
Excitation, Maximum Voltage	V	18	
Input Resistance	Ω	409 ± 6	
Output Resistance	Ω	350 ± 3	
Insulation Resistance (50V)	MΩ	≥5000	
Compensated Temperature	°C	-10 ~ + 40	
Operating Temperature	°C	-35 ~ + 65	
Storage Temperature	°C	-40 ~ + 70	
Load Cell Weight	kg	0.28	
Element Material		Aluminium	
Ingress Protection (acc. to EN 60529)		IP65	
Recommended Torque on Fixation Bolts	Nm	M4: 3	M6: 10

Wiring

Features:

Cable type: Shielded, 4 conductor cable , conductor AWG 26

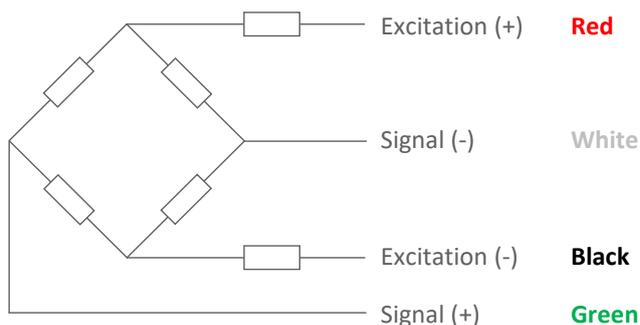
Cable diameter: Ø 3.0mm

Cable length: 0.85m (optional 0.4m)

Cable jacket: PVC

Shield not connected to element

4-Wire Connection Diagram



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