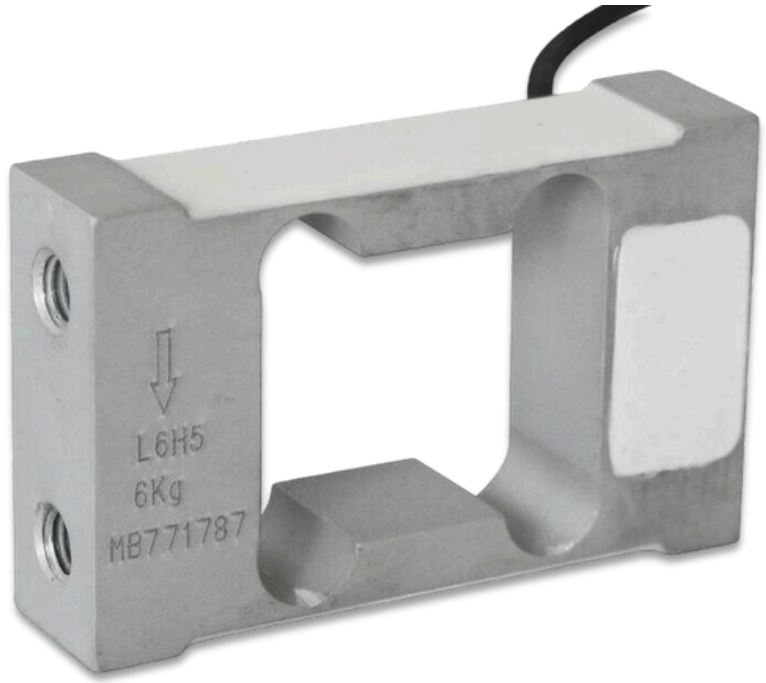
Type L6H5 Load Cell



Short Description

- Aluminium-alloy IP65 single point load cell
- Colourless anodized
- Suitable for single or double load cell structured platform scales
- Recommended maximum platform size: 200 × 200 mm

Test certificate no. TC7839 Revision 0

C of C no R60/2000-NL1-10.23

Available Models

Capacity	Accuracy	FullArticleDescription
4 kg 5	C3	L6H5-C3-4kg-1.75B
kg 6	C3	L6H5-C3-5kg-1.75B
kg 8	C3	L6H5-C3-6kg-1.75B
kg 10	C3	L6H5-C3-8kg-1.75B
kg 20	C3	L6H5-C3-10kg-1.75B
kg 30	C3	L6H5-C3-20kg-1.75B
kg	C3 Excluded from OIML	L6H5-C3-30kg-1.75B

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

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Technical Specifications L6H5

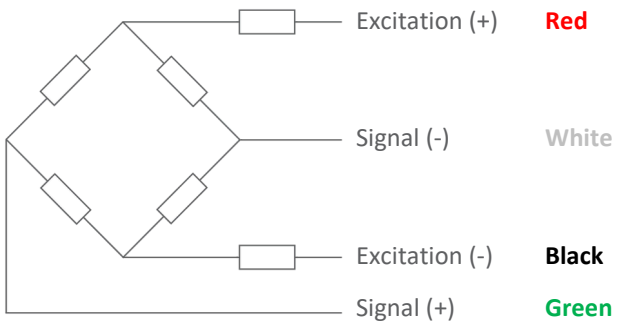
Accuracy Class		OIML R60 C3	C3
Output Sensitivity (= FS)	mV/V	2.0 ± 0.2	
Maximum Capacity (E_{max})	kg	4, 5, 6, 8, 10, 20	30
Max. Number of Load Cell Intervals	nLC	3000	
Ratio of min. LC Verification Interval	$Y = E_{max}/v^{min}$	15000	
Combined Error	%FS	≤± 0.023	
Creep Error (30 minutes)	%FS	≤± 0.0245	
Temperature Effect on Zero (ZTC)	%FS/10°C	≤± 0.020	
Temperature Effect on Sensitivity (STC)	%FS/10°C	≤± 0.017	
Zero Balance	%FS	≤± 2.0	
Safe Overload	%FS	120	
Ultimate Overload	%FS	150	
Maximum Deflection	mm	~0.24	
Eccentric Loading Error	%Ld/cm	± 0.002	
Excitation, Recommended Voltage	V	5 ~ 12	
Excitation, Maximum Voltage	V	18	
Input Resistance	Ω	406 ± 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	0.15	
Element Material		Aluminium	
Ingress Protection (acc. to EN 60529)		IP65	
Recommended Torque on Fixation Bolts	Nm	M8: 25	

Wiring

Features:

Cable type: Shielded, 4 conductor cable , conductor AWG 26
Cable diameter: Ø 3.8mm
Cable length: 1.75m ± 0.05m (*Note: 0.5m cable length available on request*)
Cable jacket: PVC
Shield not connected to element

4-Wire Connection Diagram

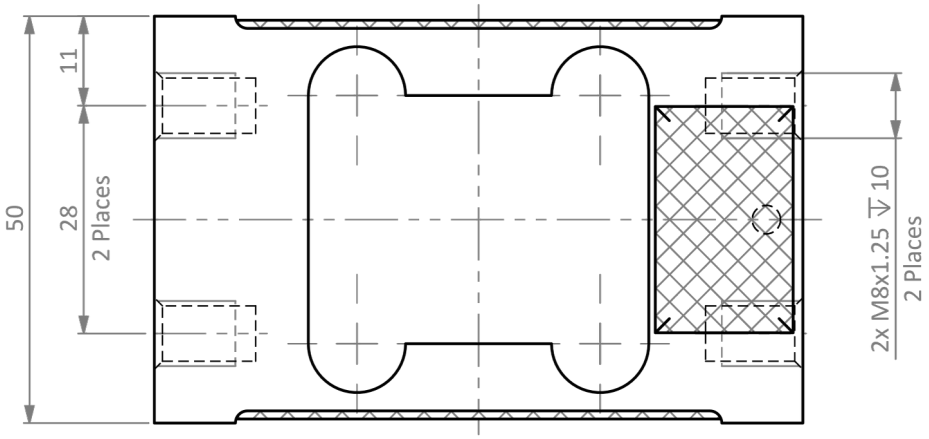


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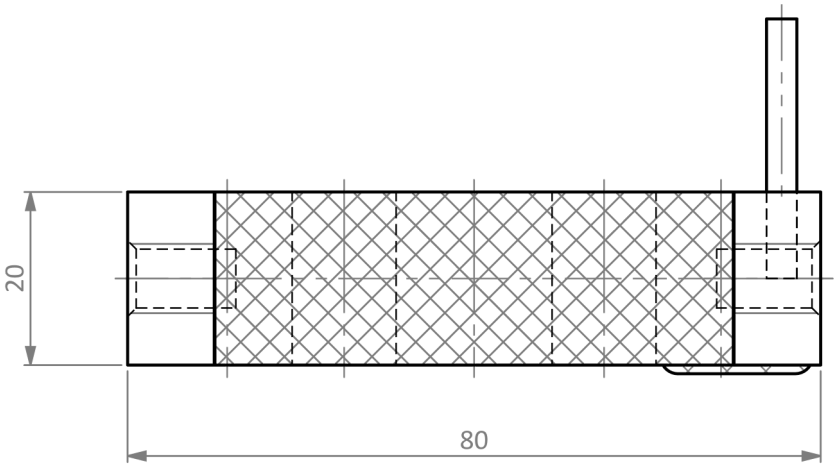
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Dimensions in mm

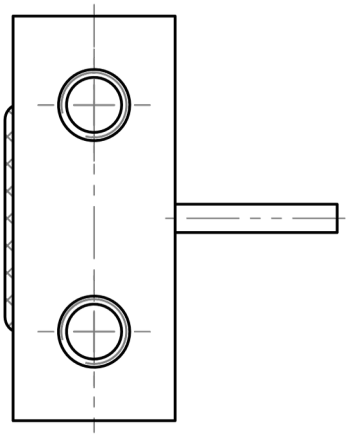
Front View



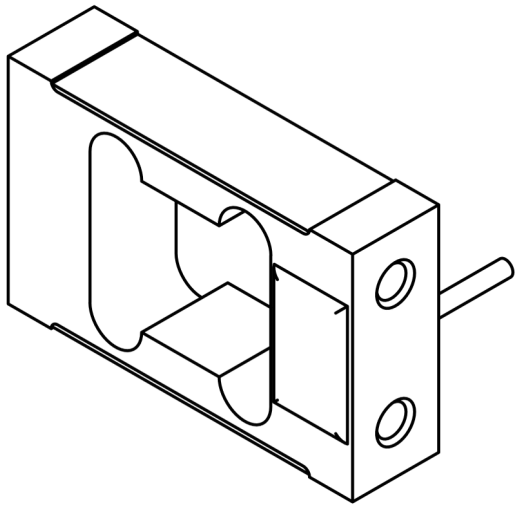
Top View



Side View



Isometric View



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