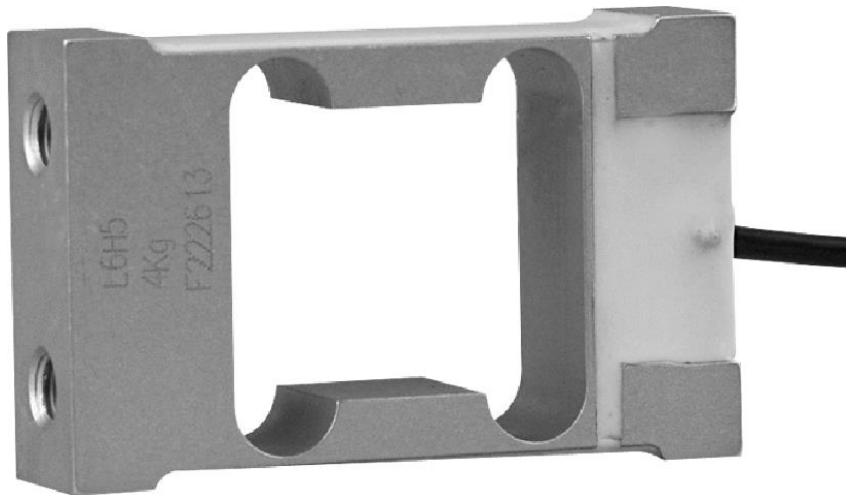


Type L6H5 Load Cell



Short description



- Aluminium-alloy IP65 single point load cell.
- Colourless anodized
- Suitable for single or double load cell structured platform scales
- Maximum platform size: 200 x 200 mm



test certificate no. TC7839 Revision 0
C of C no R60/2000-NL1-10.23

Available models

Capacity	Accuracy	Full article description
4kg	C3	L6H5-C3-4kg-0.5B
5kg	C3	L6H5-C3-5kg-0.5B
6kg	C3	L6H5-C3-6kg-0.5B
8kg	C3	L6H5-C3-8kg-0.5B
10kg	C3	L6H5-C3-10kg-0.5B
20kg	C3	L6H5-C3-20kg-0.5B
30kg	C3 Excluded from OIML	L6H5-C3-30kg-0.5B

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

Detailed 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	n_{LC}	3000	
Ratio of min. LC verification interval	$Y = E_{max} / v_{min}$	15000	
Combined Error	%FS	$\leq \pm 0.0230$	
Minimum dead load	Of E_{max}	0%	
Safe overload	of E_{max}	150 %	
Ultimate overload	of E_{max}	300 %	
Zero balance	of FS	$< \pm 2.0 \%$	
Excitation, recommended voltage	V	5 ~ 12	
Excitation maximum	V	18	
Input resistance	Ω	409 ± 6	
Output resistance	Ω	350 ± 3	
Insulation resistance	M Ω	≥ 5000 (at 50VDC)	
Compensated temperature	$^{\circ}\text{C}$	$-10 \sim +40$	
Operating temperature	$^{\circ}\text{C}$	$-35 \sim +65$	
Storage temperature	$^{\circ}\text{C}$	$-40 \sim +70$	
Element material		Aluminium	
Ingress Protection (acc. to EN 60529)		IP65	
Recommended torque on fixation	Nm	M8: 25	

Wiring

Wiring:

Shielded, 4 conductor cable.

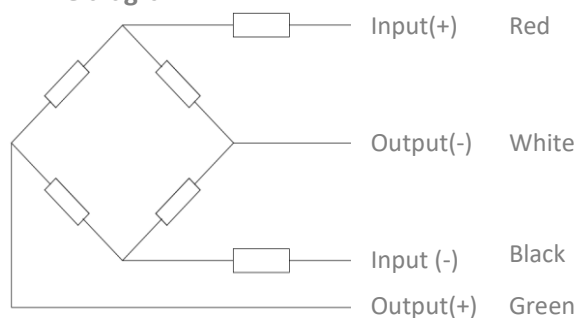
Cable diameter: $\varnothing 3.8\text{mm}$.

Standard cable length: 0.5m.

Shield not connected to element.

Cable jacket in PVC.

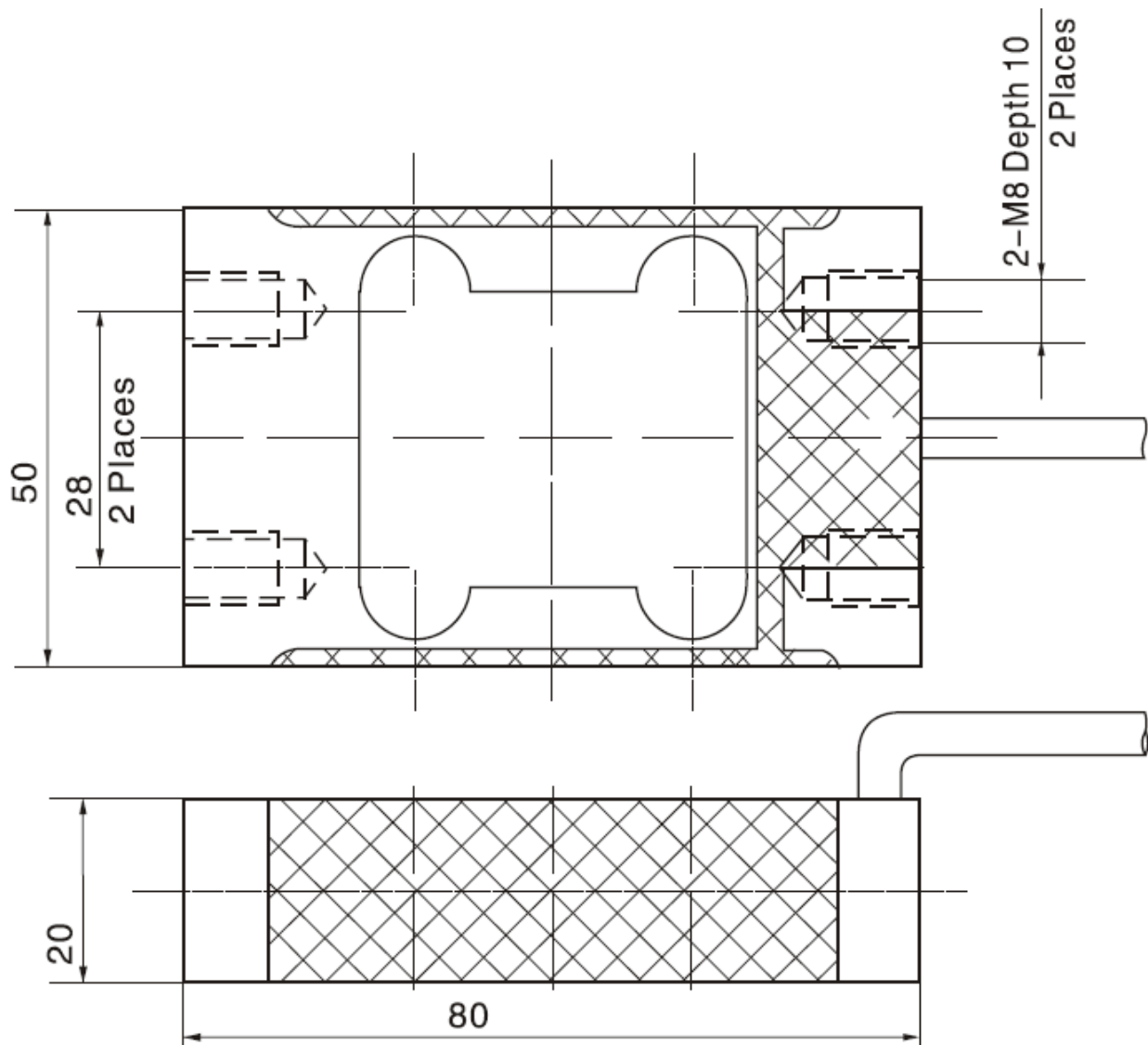
4-wire diagram



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

Type L6H5 Load Cell

Dimensions in mm



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

Zemic Europe B.V.
Leerlooierstraat 8
4871 EN Etten-Leur
The Netherlands

Nr. 2017.04 L6H5 Rev6

3/3

T: +31 76 50 39480
F: +31 76 50 39481
info@zemic.nl
www.zemic.nl