L6B

FEATURES

- Aluminium-alloy IP65 single point load cell.
- Colourless anodized
- Suitable for pricing scales, bench scales, etc.
- Recommended platform size: 200 x 200mm



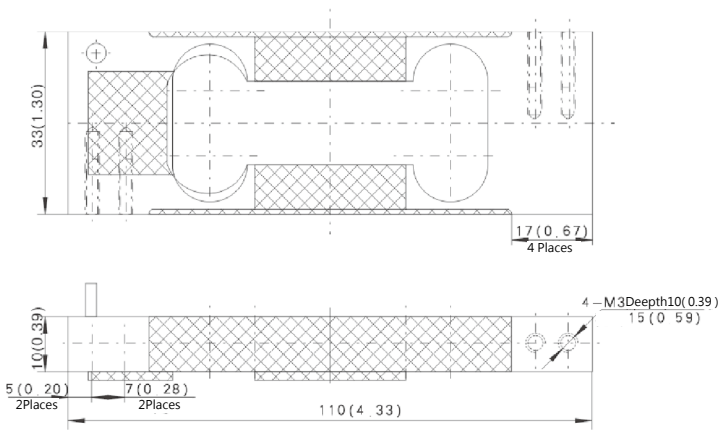
AVAILABLE MODELS

Capacity	Accuracy	Full article description
0.3 kg	L/H	L6B-L/H-0.3kg-0.4B
0.6 kg	L/H	L6B-L/H-0.6kg-0.4B
1.0 kg	L/H	L6B-L/H-1.0kg-0.4B
1.2 kg	L/H	L6B-L/H-1.2kg-0.4B
1.5 kg	L/H	L6B-L/H-1.5kg-0.4B
3.0 kg	L/H	L6B-L/H-3.0kg-0.4B

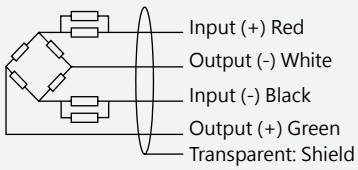
SPECIFICATION

Accuracy class		L	H
Output sensitivity (=FS)	mV/V	0.9 ± 0.1	
Maximum capacity (Em_{ax})	kg	0.3/0.6/1.0/1.2/1.5/3	
Linearity	%FS	± 0.015	± 0.012
Hysteresis	%FS	± 0.015	± 0.012
Repeatability	%FS	± 0.015	± 0.012
Temperature effect on Minimum dead load output	%FS/10°C	± 0.030	± 0.020
Temperature effect on output	%FS/10°C	± 0.030	± 0.020
Combined error	%FS	± 0.010	± 0.005
Eccentric loading error	%FS	± 0.0200	
Minimum dead load	%FS	0	
Safe overload	%FS	120	
Ultimate overload	%FS	150	
Zero balance	%FS	± 2.0	
Excitation, recommended voltage	V	5 ~ 12 (DC)	
Excitation maximum	V	18 (DC)	
Input resistance	Ω	406 ± 6	
Output resistance	Ω	350 ± 3	
Insulation resistance	MΩ	⩾ 5000 (50VDC)	
Compensated temperature	°C	-10 ~+40	
Operating temperature	°C	-20 ~ +50	
Storage temperature	°C	-35~ +65	
Element material		Aluminium	
Recommended torque on fixation	N.m	5	
Ingress protection (according to EN 60529)		IP65	

DIMENSIONS IN MM



WIRING



- Shielded, 4 conductor cable.
- Cable diameter: Φ2.9mm.
- Standard cable length: 0.40m
- Shield is not connected to element.
- Cable jacket in PVC.