

L6D

### Load Cell L6D



#### Products specification

- ◆L6D load cells are available in the capacities 2.5kg to 50kg.
- ◆Alumium construction with parallel beam.
- ◆Silicon adhesive sealed, surface anodized and anti-corrosion.
- ◆Intergral structure and easy installation.
- ◆Suitable for pricing scale, platform scale and other electronic weighing devices.

#### Features

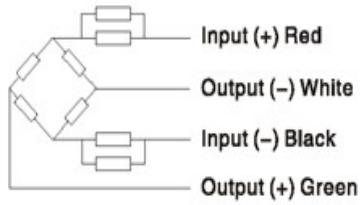
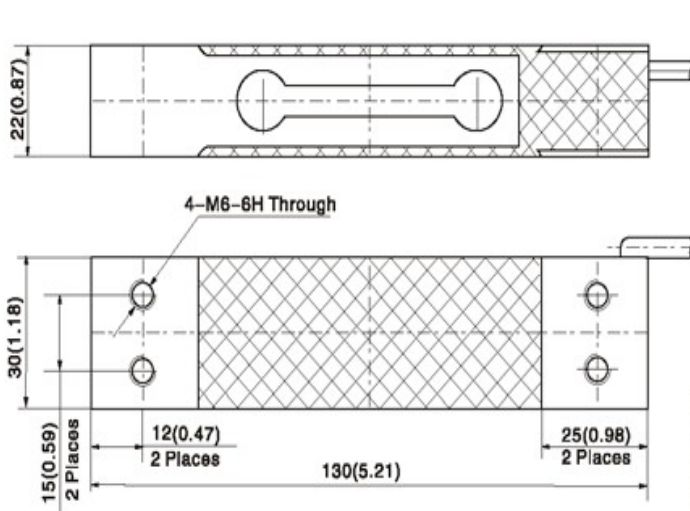
- ◆Capacity:2.5kg to 50kg .
- ◆High accuracy..
- ◆Max. platform size: 250x350mm.
- ◆Intergral installation.
- ◆With OIML approval.

#### Specifications

Capacity		2.5/3/5/6/8/10/15/20/30/35/40/50		
Accuracy	kg	C3D	C3	C3G
Approvals			OIML R60 C3	
Maximum number of verification intervals	n max	2500	3000	4000
Minimum load cell verification interval	v min	$E_{max}/5000$	$E_{max}/7000$	$E_{max}/11000$
Combined error	(%FS)	$\leq \pm 0.030$	$\leq \pm 0.020$	$\leq \pm 0.015$
Creep	(%FS/30min)	$\leq \pm 0.020$	$\leq \pm 0.0167$	$\leq \pm 0.0125$
Temperature effect on sensitivity	(%FS/10°C)	$\leq \pm 0.021$	$\leq \pm 0.0175$	$\leq \pm 0.0131$
Temperature effect on zero	(%FS/10°C)	$\leq \pm 0.028$	$\leq \pm 0.020$	$\leq \pm 0.0127$
Output sensitivity	(mv/v)	2.0±0.2		
Input resistance	(Ω)	409±6/1065±15		
Output resistance	(Ω)	350±3/1000±10		
Insulation resistance	(MΩ)	≥5000(50VDC)		
Zero balance	(%FS)	2		
Temperature, compensated	(°C)	-10~+40		
Temperature, operating	(°C)	-35~+65		
Excitation, Recommended	(V)	5~12(DC)		
Excitation, Max	(V)	18(DC)		
Safe overload	(%FS)	150		
Ultimate overload	(%FS)	300		
Corner correction		0.02% load value/100mm		

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Outline Dimension mm(inch)



Output resistance	Input		Output		Shield
	+	-	+	-	
1000(Ω)	R	W	G	B	Transparent
350(Ω)	R	B	G	W	

**Wiring:**  
 Adopt a shielded, 4 conductor cable, and cable jacket is PVC.  
 Cable length: 0.40 ± 0.05m  
 Cable diameter: 3.8 ± 0.2mm

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