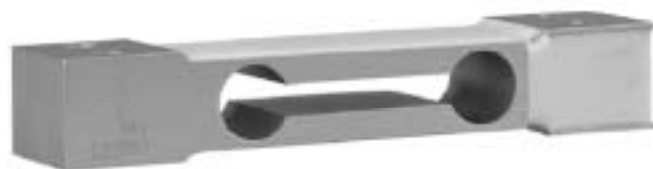


# L6D



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

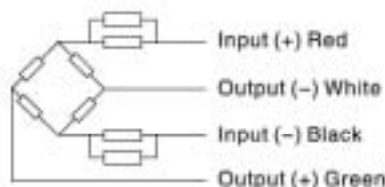
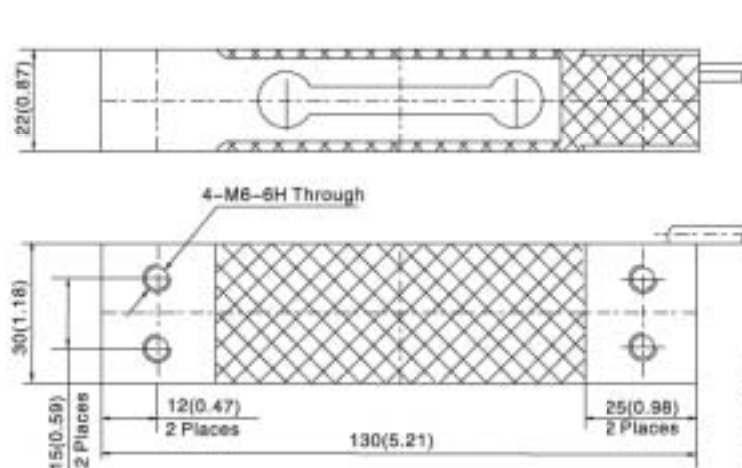
### Features

- Capacity: 2.5kg~50kg
- High accuracy
- Max. platform size: 250×350mm
- OIML Certificates No:R60/2000-CN-00.05 Revision 1
- PTB Approval No:D09-03.20 Revision 1



Specifications				
Capacity	kg	2.5/3/5/6/8/10/15/20/30/35/40/50		
Accuracy		C3D	C3	C3G
Approvals			OIML R60 C3	
Maximum number of verification intervals	$n_{max}$	2500	3000	4000
Minimum load cell verification interval	$n_{min}$	$E_{max}/5000$	$E_{max}/7000$	$E_{max}/11000$
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 ~ +70		
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		

### 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