

## Load Cell L6N



- ◆ L6N load cells are available in the capacities 3kg to 100kg.
- ◆ Aluminium construction with parallel beam.
- ◆ Silicon adhesive sealed, surface anodized and anti-corrosion.
- ◆ Integral structure and easy installation.
- ◆ Suitable for electronic balance and other electronic weighing devices.

### Features

- ◆ Capacity: 3kg to 100kg .
- ◆ High accuracy.
- ◆ Max. platform size: 400x400mm.
- ◆ With OIML approval.

### Specifications

Capacity	(kg)	3/5/8/10/15/20/30/50/75/100
Accuracy		C3
Approvals		OIML R60 C3
Maximum number of verification intervals	n max	3000
Minimum load cell verification interval	v min	$E_{max}/7000$
Combined error	(%FS)	$\leq \pm 0.020$
Creep	(%FS/30min)	$\leq \pm 0.0167$
Temperature effect on sensitivity	(%FS/10°C)	$\leq \pm 0.0175$
Temperature effect on zero	(%FS/10°C)	$\leq \pm 0.020$
Output sensitivity	(mV/V)	$2.0 \pm 0.2$
Input resistance	( $\Omega$ )	$394 \pm 6$
Output resistance	( $\Omega$ )	$350 \pm 3$
Insulation resistance	(M $\Omega$ )	$\geq 5000(50VDC)$
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

### Outline Dimension mm(inch)

