

L6E3



- L6E3 load cells are available in the capacities 50kg~500kg.
- Aluminum construction with parallel beam.
- Silicon adhesive sealed, surface anodized and anti-corrosion.
- Integral structure and easy installation.
- Suitable for electronic pricing scales, electronic platform scales and other electronic weighing devices.

Features

- Capacity: 50kg~500kg
- High accuracy
- Max. platform size: 450×450mm
- OIML Certificates No:R60/2000-CN1-06.08
- PTB Approval No: D09-06.09



| Specifications | | 50/100/150/200/250/300/500 | | |
|--|------------------|----------------------------|------------------------|-------------------------|
| Capacity | kg | | | |
| Accuracy | | 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) | ≤ ±0.030 | ≤ ±0.020 | ≤ ±0.015 |
| Creep | (%FS/30min) | ≤ ±0.020 | ≤ ±0.0167 | ≤ ±0.0125 |
| Temperature effect on sensitivity | (%FS/10°C) | ≤ ±0.021 | ≤ ±0.0175 | ≤ ±0.0131 |
| Temperature effect on zero | (%FS/10°C) | ≤ ±0.028 | ≤ ±0.020 | ≤ ±0.0127 |
| Output sensitivity | (mv/v) | 2.0 ± 0.2 | | |
| Input resistance | (Ω) | 409 ± 6 | | |
| Output resistance | (Ω) | 350 ± 3 | | |
| 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 | | |

Outline Dimension mm(inch)

