# L6D-FS

## FEATURES

- Aluminum-alloy IP65 single point load cell
- Colourless anodized. High waterproof ability
- Suitable for pricing scales, bench scales, etc.
- Maximum platform size:250*350mm



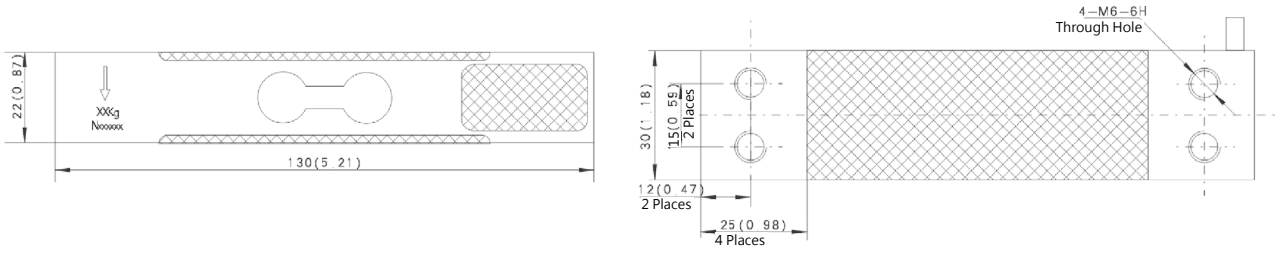
## AVAILABLE MODELS

| Capacity | Accuracy | Full article description |
|---|---|---|
| 3kg-50kg | C3 | L6D-C3-xxkg-0.45B-FS |

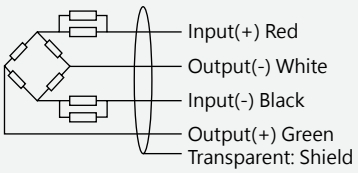
## SPECIFICATION

| | | |
|---|---|---|
| Maximum capacity (Emax) | kg | 3/5/6/8/10/15/20/25/30/35/40/50 |
| Output sensitivity (=FS) | mV/V | 2.0±0.2 |
| Accuracy class | | C3 |
| Combined error | %FS | ±0.02 |
| Creep | %FS/30min | ±0.0167 |
| Temperature effect on sensitivity | %FS/10°C | ±0.0175 |
| Temperature effect on zero | %FS/10°C | ±0.02 |
| Zero balance | %FS | ±2 |
| Compensated temperature | °C | -10~ +40 |
| Operating temperature | °C | -35~ +65 |
| Input resistance | Ω | 406±6 |
| Output resistance | Ω | 350±3 |
| Insulation resistance | MΩ | ⩾ 5000 (50VDC) |
| Excitation, recommended voltage | V | 5~12 (DC) |
| Excitation maximum | V | 18 (DC) |
| Safe overload | %FS | 120 |
| Ultimate overload | %FS | 150 |
| Ingress protection (according to EN 60529) | | IP65 |
| Recommended installation size | mm | 250×350 |
| Corner correction | | 0.02%load value/100mm |
| Recommended torque on fixation | N.m | 6 |

## DIMENSIONS IN MM




## WIRING




- Shielded, 4 conductor cable
- Cable diameter: Φ3.8mm
- Standard cable length: 0.45m
- Shield is not connected to element
- Cable jacket in PVC