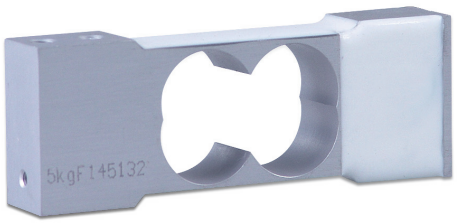
# L6J

- Aluminium–Alloy IP65 single point load cell
- Colourless anodized
- Suitable for single or double load cell structured platform scales
- Recommended platform size: 200 x 200 mm



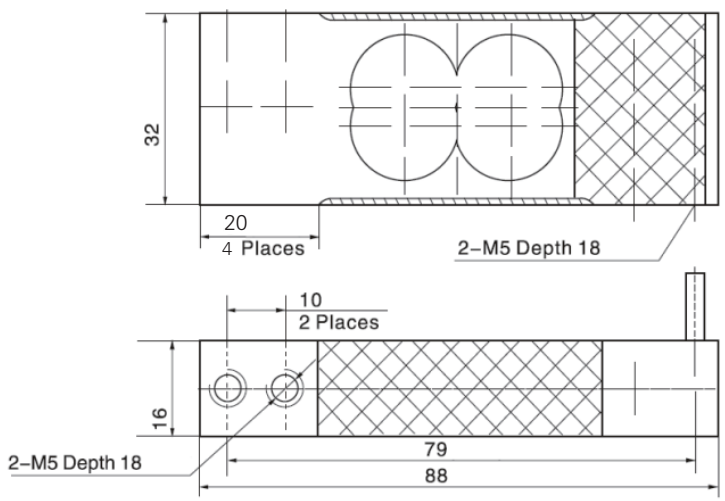

## Available models

| Capacity | Accuracy | Full article description |
|---|---|---|
| 2 kg | C3D | L6J–C3D–2kg–0.45B |
| 3 kg | C3D | L6J–C3D–3kg–0.45B |
| 5 kg | C3D | L6J–C3D–5kg–0.45B |
| 8 kg | C3D | L6J–C3D–8kg–0.45B |
| 15 kg | C3D | L6J–C3D–15kg–0.45B |
| 20 kg | C3D | L6J–C3D–20kg–0.45B |

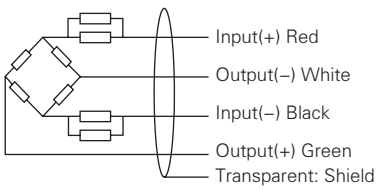
## Specification

| | | |
|---|---|---|
| Accuracy class | | C3D |
| Output sensitivity ( = FS ) | mV/V | 1.5 ± 0.2 |
| Maximum capacity ( $E_{max}$ ) | kg | 2/3/5/8/10/15/20 |
| Maximum number of load cell intervals ( nLC ) | | 2500 |
| Ratio of minimum LC verification interval Y = $E_{max}$ / $v_{min}$ | | 5000 |
| Combined error | %FS | ± 0.0280 |
| Minimum dead load | %FS | 0% |
| Safe overload | %FS | 150 % |
| Ultimate overload | %FS | 300 % |
| Zero balance | %FS | ± 2.0 |
| Excitation, recommended voltage | V | 5 ~ 12( DC ) |
| Excitation maximum | V | 18( DC ) |
| Input resistance | Ω | 406 ± 6 |
| Output resistance | Ω | 350 ± 3 |
| Insulation resistance | MΩ | ⩾ 5000 ( 50VDC ) |
| Compensated temperature | ℃ | –10 ~+40 |
| Operating temperature | ℃ | –35 ~ +65 |
| Storage temperature | ℃ | –40 ~ +70 |
| Element material | | Aluminium |
| Recommended torque on fixation | N.m | M5: 7 |
| Ingress protection (according to EN 60529) | | IP65 |

## Dimensions in mm




## Wiring




- Shielded, 4 conductor cable.
- Cable Diameter: Φ3mm
- Standard cable length: 0.45m
- Shield not connected to element.
- Cable jacket is PVC.