

# A-ALT02 Single point load cell



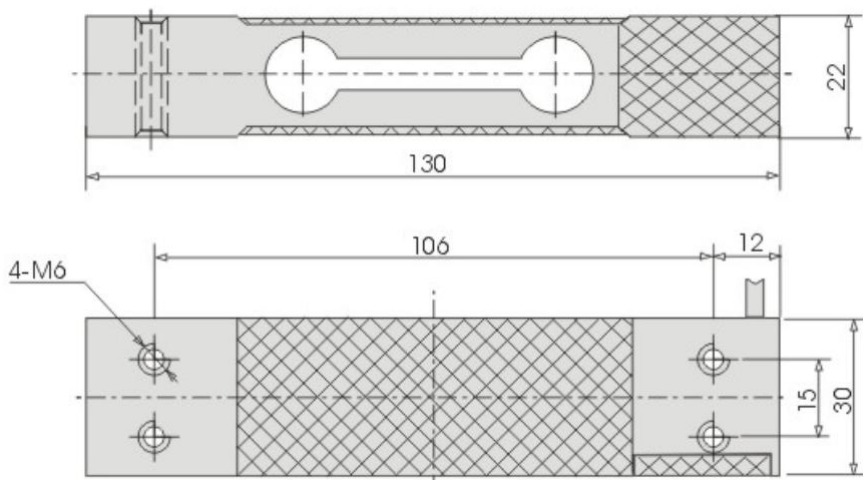
## Description

A-ALT02 is strain gauge based load cell constructed from aluminum alloy for high accuracy. It is mainly used in check weighing, suitable for pan size up to 250X350mm.

## Application

- Table top machines
- Bench scale
- Price computing scale
- Retail scales electronic counting scales
- Check weighing scales

## Main Dimensions(mm)



## Specifications

|                               |               |                            |                |
|-------------------------------|---------------|----------------------------|----------------|
| Capacity                      | 5~60 kg       | Zero balance               | ±1%F.S         |
| Rated output                  | 2.0mV/V±0.1%  | Input resistance           | 400±10Ω        |
| Accuracy class                | C3,0.05       | Output resistance          | 350±5Ω         |
| Non-linearity                 | 0.02%F.S      | Safe overload              | 120%F.S        |
| Hysteresis                    | 0.02%F.S      | Ultimate overload          | 150%F.S        |
| Creep in 30 minutes           | 0.02%F.S      | Excitation voltage         | 9V AC/DC       |
| Temperature effect span       | 0.02%F.S/10°C | Maximum excitation voltage | 12V AC/DC      |
| Temperature effect zero       | 0.02%F.S/10°C | Insulation resistance      | ≥5000MΩ        |
| Compensated temperature range | -10~+40°C     | Environmental protection   | IP67           |
| Operating temperature range   | -30~+65°C     | Material                   | Aluminum steel |

Cable: 4m

Wring: +Exc (Red) ; -Exc (Black); +Sig (Green); -Sig (White)