



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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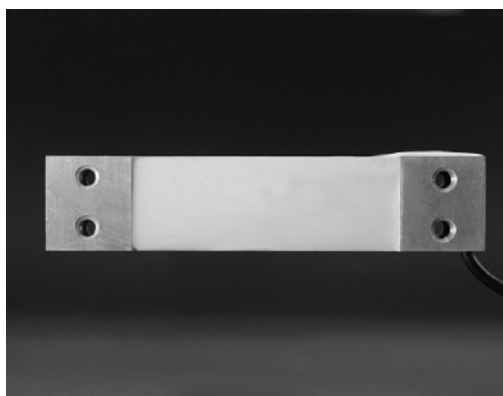
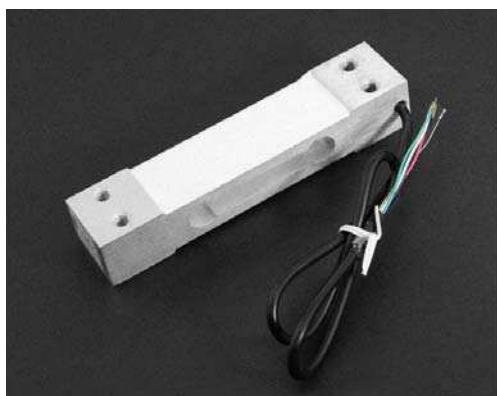
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Weight Sensor (Load Cell) 0-50kg

SKU 114990100



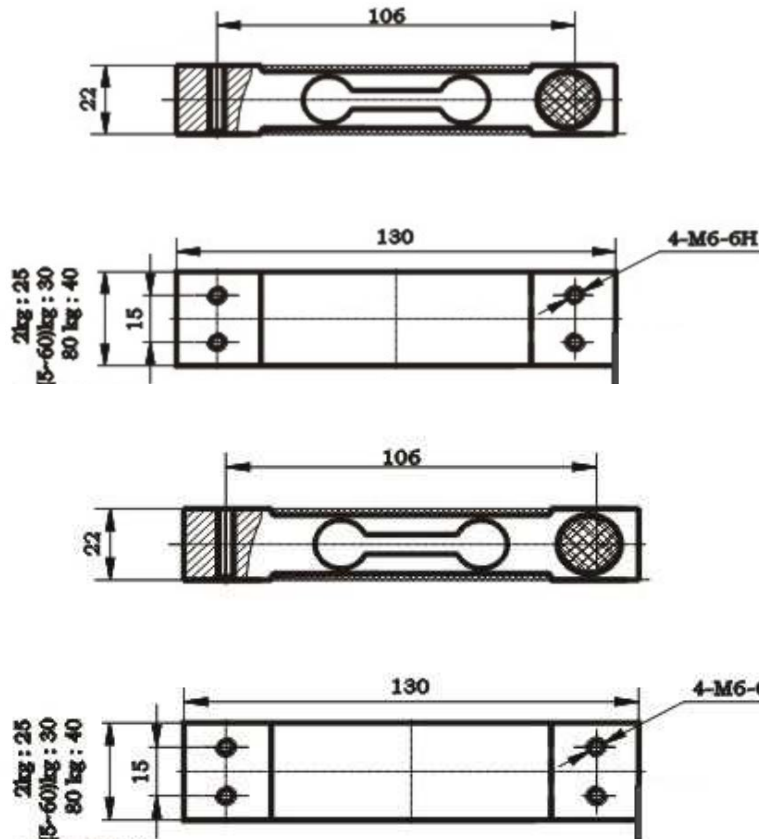
Description

Introduction :

Applicable to electronic scale, price computing scale, electronic platform scale, digital scale; parcel post scale, electronic balance and all varieties of commercial scales by single load cell.

Specification :

- Capacity: 50KG
- Rated output(MV/V): 2.0 ± 0.15
- Accuracy class: C2
- Maximum number of load cell verification intervals(N max): 2000
- Minimum number of load cell verification intervals(Vmin): $E_{Max}/5000$
- Combined error(%RO): $< \pm 0.030$
- Creep(%RO/30min): 0.03
- Temperature effect on sensitivity(%RO/°C): 0.0016
- Temperature effect on zero(%RO/°C): 0.003
- Zero balance(%RO): 1.0
- Input resistance(Ω): 402 ± 6
- Output resistance(Ω): 350 ± 3
- Insulation resistance($M\Omega < 50V >$): 5000
- Recommended excitation voltage(V): 10~15
- Compensated temperature range(°C): -10~+40
- Operating temperature range(°C): -35~+80
- Safe overload(%RO): 150
- Ultimate overload(%RO): 200
- Load cell material: Aluminium
- Platform size: 350x350mm
- Connecting cable: $\phi 4.2 \times 350$ mm
- Method of connecting wire: Red(+),Black(-),Green(+),White(-)



技术指标

| 应用 | Application | 计价秤 Price computing scales | |
|---------|--|---|-----------------------------|
| 型号 | Model | YZC-1B | |
| 量程 | Capacity Kg | 2, 3, 5, 6, 8, 10, 30, 35, 40, 50, 60, 80 | |
| 输出灵敏度 | Rated output MV/V | 2.0±0.15 | |
| 精度等级 | Accuracy class | C2 | C3 |
| 最大检定分度数 | Maximum number of verification intervals | D_{max} | 2000 |
| 最小检定分度值 | Minimum load cell verification intervals | V_{min} | E_{Max}/5000 |
| 综合误差 | Combined error | %RO | E_{Max}/7500 |
| 蠕变 | Creep | %RO/30min | 0.03 |
| 温度灵敏度漂移 | Temperature effect on sensitivity | %RO/°C | 0.0016 |
| 温度零点漂移 | Temperature effect on zero | %RO/°C | 0.003 |
| 零点平衡 | Zero balance | %RO | ±1.0 |
| 输入阻抗 | Input resistance | Ω | 402±6 |
| 输出阻抗 | Output resistance | Ω | 350±3 |
| 绝缘电阻 | Insulation resistance | MΩ (50V) | 5000 |
| 推荐激励电压 | Recommended excitation voltage | V | 10~15 |
| 温度补偿范围 | Compensated temperature range | °C | -10~+40 |
| 工作温度范围 | Operating temperature range | °C | -35~+80 |
| 安全超载能力 | Safe overload | %RO | 150 |
| 极限超载范围 | Ultimate overload | %RO | 200 |
| 传感器材料 | Load cell material | 铝合金 Aluminium | |
| 推荐台面尺寸 | Platform size | 350X350 | |
| 接线电缆 | Connecting cable | Ø 4.2X350mm | |
| 接线方式 | Method of connecting wire | 红输入 (+) 黑输入 (-) 绿输出 (+) 白输出 (-) | |