



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!



## Contact us

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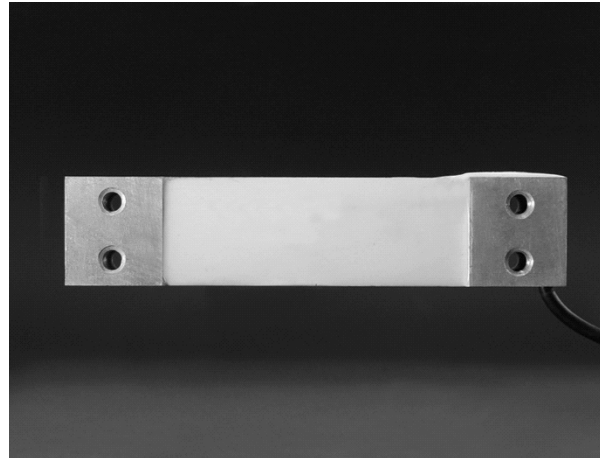
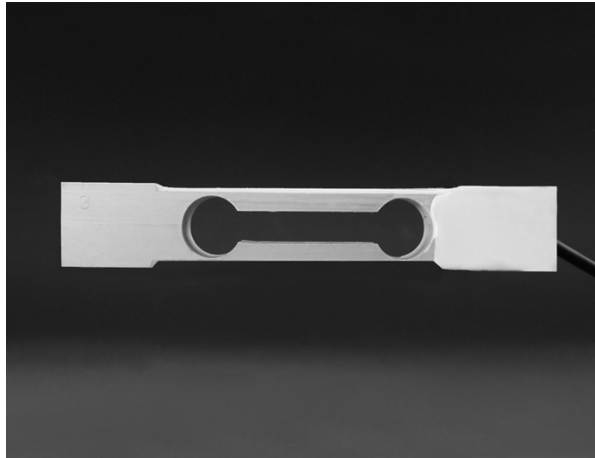
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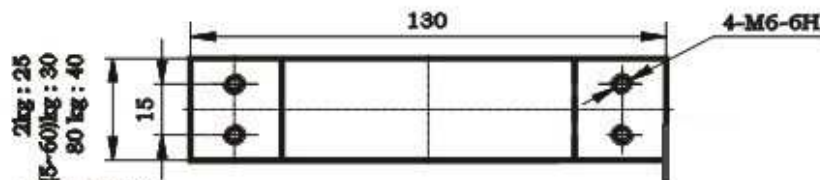
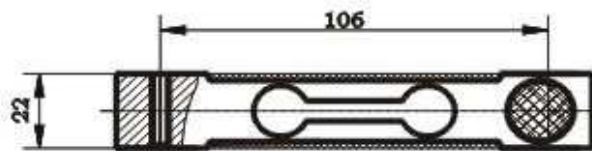
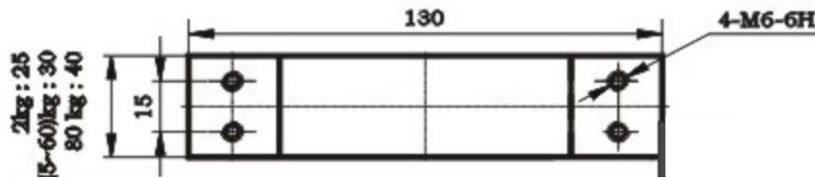
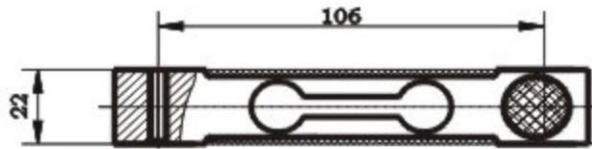
## Weight Sensor (Load Cell) 0-3kg

SKU 114990093



### Description

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.



### 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	$N_{max}$	2000                      3000
最小检定分度值	Minimum load cell verification intervals	$V_{min}$	$E_{Max}/5000$ $E_{Max}/500$
综合误差	Combined error	%RO	≤ ±0.030                      ≤ ±0.020
蠕变	Creep	%RO/30min	0.03                      0.0167
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                      0.002
零点平衡	Zero balance	%RO	±1.0
输入阻抗	Input resistance	$\Omega$	402±6                      1066±10
输出阻抗	Output resistance	$\Omega$	350±3                      1000±10
绝缘电阻	Insulation resistance	M $\Omega$ (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		∅ 4.2X350mm
接线方式	Method of connecting wire		红输入 (+) 黑输入 (-) 绿输出 (+) 白输出 (-)

## Technical Details

Dimensions	130mm x 60mm x 20mm
Weight	G.W 165g
Battery	Exclude

### Specification:

- Capacity: 3KG
- Rated output(MV/V):  $2.0 \pm 0.15$
- 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( $\Omega$ ):  $402 \pm 6$
- Output resistance( $\Omega$ ):  $350 \pm 3$
- 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:  $\varnothing 4.2 \times 350$ mm
- Method of connecting wire: Red(+),Black(-),Green(+),White(-)