

Load Sensor

SKU 314030003



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- Description
- Best-sellers
- Technical Details
- Questions and Answers
- View History

Description

This is a half-bridge load sensor, which is widely used in weight scales. When the half-bridge is being stretched, it sends signal via the red signal wire. You can use multiple load sensors simultaneously to increase the capacity range.

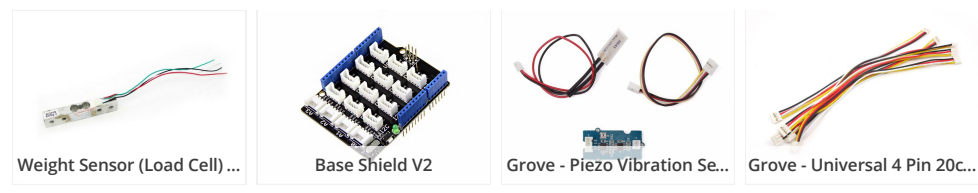
Features

- Sturdy material
- Up to 50kg sensor range
- parallel use to add additional capacity

Specifications

- Dimension (mm): 28*28*8
- Capacity (kg): 50
- Comprehensive error (%F.S): 0.2
- Output sensitivity (mv/v): 1.1±0.15
- Nonlinearity (%F.S): 0.2
- Repeatability (%F.S): 0.1
- Hysteresis (%F.S): 0.2
- Creep (%F.S/3min): 0.1
- Zero Drift (%F.S/1min): 0.1
- Temp. Effect on zero (%F.S/10°C): 0.2
- Temp. Effect on Output (%F.S/10°C): ≤0.15
- Zero Output (mv/V): ±0.3
- Input Resistance (Ω): 1000±50
- Output Resistance (Ω): 1000±50
- Insulation Resistance (MΩ): ≤2000 (100VDC)
- Excitation Voltage (V): 5~10
- Operation Temp. Range (°C): -10~+50
- Overload Capacity (%F.S): 150
- Method of connecting wire : red= Sig + ; black= Exc -; blue= Exc +

Best-sellers



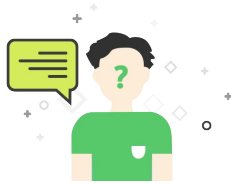
Technical Details

Dimensions	60mm x 90mm x 8mm
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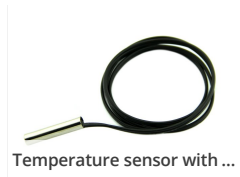
Battery	Exclude
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Questions and Answers

Have a question about this? Ask people who own it.



View History



Temperature sensor with ...



Analog joystick



The never_going_to_miss g...



Photo interrupter (OS25B10)

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