

Vibration Sensing Module

MDU28

Product Description

This sensor buffers a piezoelectric transducer. As the transducer is displaced from the mechanical neutral axis, bending creates strain within the piezoelectric element and generates voltages.



Specifications:

The Vibration Sensor Detector is designed for the security practice. When the Vibration Sensor Alarm recognizes movement or vibration, it sends a signal to either control panel. Developed a new type of omni-directional high sensitivity Security Vibration Detector with omni-directional detection.

- Sensitivity: Height adjustable
- Consistency and Interchangeability: Good
- Reliability and Interference: Accurate triggering strong anti-interference
- Automatic Reset: Automatic reset is strong
- Signal Post-processing: Simple
- Output Signal: Switch signal (1/0) digital
- No External Vibration Analysis of Plates: Product design vibration analysis of the internal amplifier circuit
- Detection Direction: Omni-directional
- Signal Output: Switch signals
- Output Pulse Width: The vibration signal amplitude is proportional to
- Operating Voltage: 5 VDC (red V + shield V-)
- Sensitivity: Greater than or equal 0.2g
- Frequency Range: 0.5HZ ~ 20HZ
- Operating Temperature Range: -10 ~ 50 C

Connections details - How to test Vibration sensor?

Wiring color

- RED - + 5 volts
- BLACK - GND
- Blue - Output