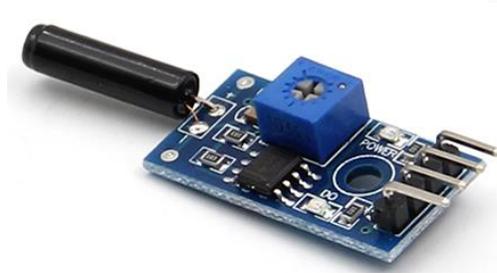


# Vibration Switch Alarm Sensor Module

**Model: SW18010P**



## Description:

Sw-18010P is a spring-type non-directional vibration sensor that can be used at any angle. When a force exerts a vibration or a suitable centripetal velocity is exerted, the conductivity of the terminals is transferred to ON-State. This module comes with a comparator LM393 and a trim pot for adjustment so when the vibration intensity is below the set value the sensor output is in high state, and when the vibration intensity exceeds the adjusted range the output is low.

## Features:

- ✓ This module is compared with the vibration sensor module normally open.
- ✓ Vibration trigger for long periods of time, can lead the relay module.
- ✓ This is an open type vibration sensor module.
- ✓ The comparator output, clean signal, good waveform, driving capacity is strong, for more than 15 mA.
- ✓ Fixed hole, convenient installation.
- ✓ Use the LM393 wide voltage comparator.
- ✓ Adopt a vibration sensor.

## Specifications:

- Working Voltage: 3.3V to 5V
- Output Form: digital switch output (0 and 1)
- PCB Size: 2.7x1.4cm

## Module Wiring Instructions:

- ❖ VCC: positive power supply
- ❖ GND: Negative one
- ❖ Make: digital signal output
- ❖ AO: With this shock sensor this function is not valid

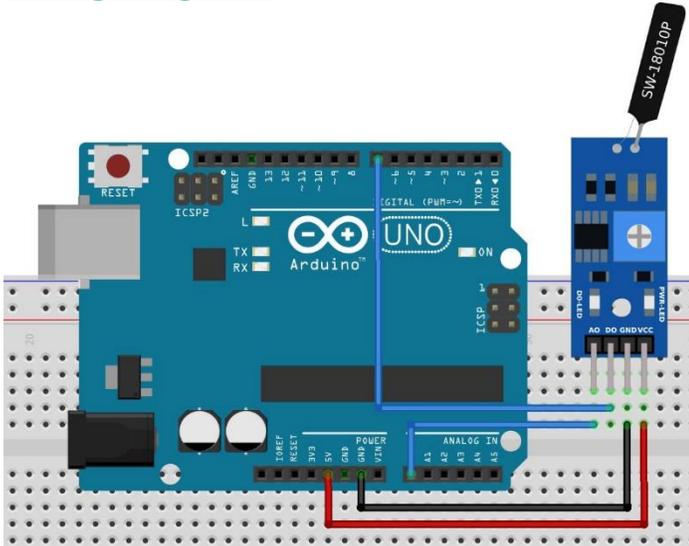
## Applications:

Used to trigger the effect of various vibrations, burglar alarm, smart car, earthquake alarm, motorcycle alarm, etc.

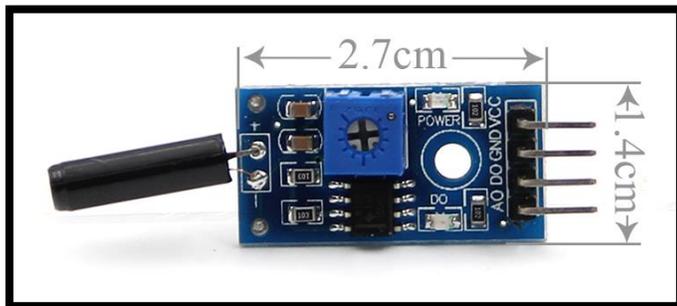
## Instructions:

- ✚ When the product does not shock, vibration switch off, the output high output, the green light does not shine.
- ✚ When the product is shock, the vibration switch turns on instantly, output low output, green pilot light.
- ✚ The output can be connected directly to the microcontroller through the microcontroller to detect High and Low, therefore, detect if the environment there is vibration, play a role in the police.

## Wiring Diagram:



## More Detailed Photos:



*Made in China*