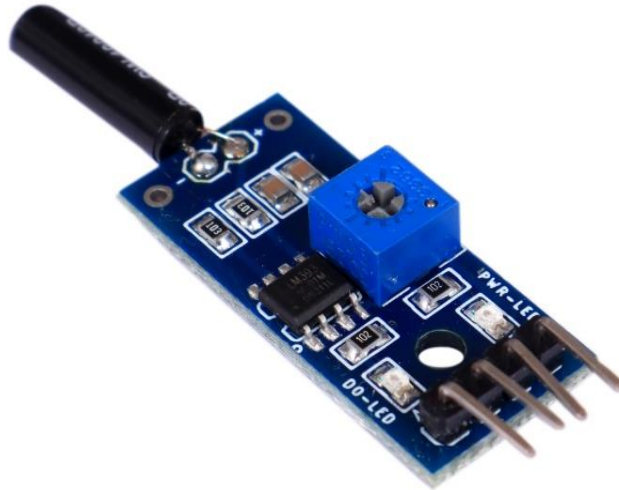


SW1801P Vibration Sensor Module



Description:

The SW-18010P sensor is used to detect vibration. The sensor has a small spring inside a metal tube. When the sensor vibrates, the spring hits the metal tube and the sensor will be activated.

This sensor has two digital and analog outputs. When the sensor vibrates, the digital output changes from HIGH to LOW and the analog output changes from 1023 to 0.

Features:

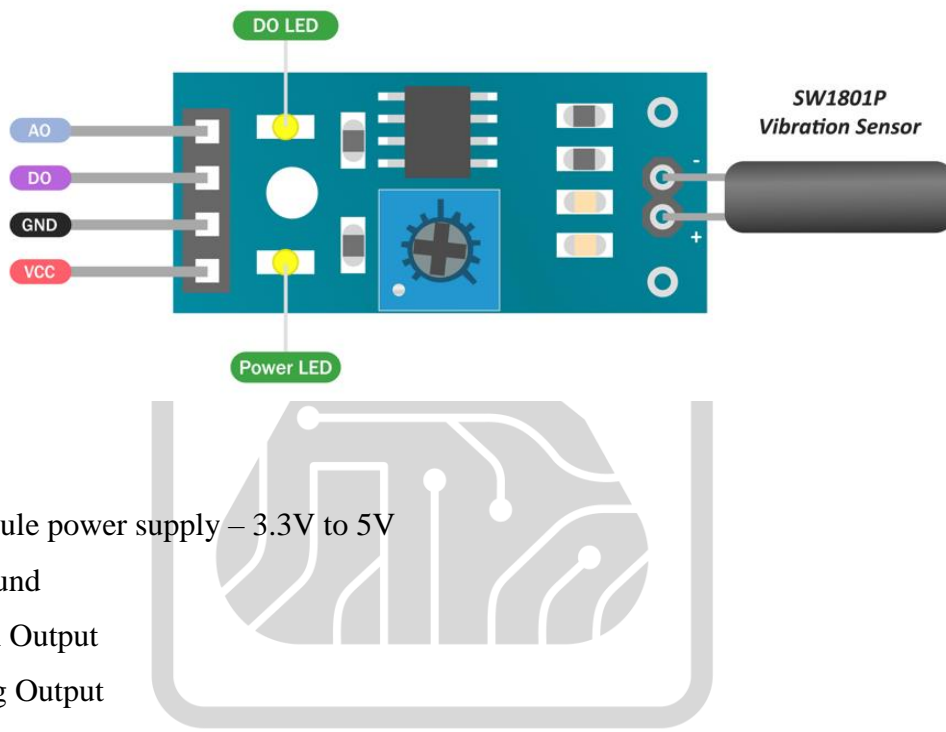
1. Including a fixed hole on board for easy installation
2. Potentiometer included to adjust sensitivity
3. Switch indicating LED

Specification:

- High sensitivity vibration switch by SW-18010P vibration sensor
- The comparator output signal with good waveform ,driving ability , more than 15mA
- Working voltage: 3.3V-5V
- Output format : digital switching outputs (0 and 1) and analog output

- Using a wide voltage LM393 comparator
- Use for a variety of vibration trigger, reported Pao alarm, intelligent car, electronic building blocks and so on.

Pin Configuration:



VCC: Module power supply – 3.3V to 5V

GND: Ground

DO: Digital Output

AO: Analog Output

Application:

- Vibration sensing for remote control devices
- An automatic rotating display like in phone and tablet
- Aircraft to indicate the position of aircraft with respect to the earth
- Gaming devices
- Digital cameras and other consumer electronics