

Vibration Sensor Module for Arduino

SEN0433

Product Overview

01/03/202

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

DFRobot SEN0433 Vibration Sensor Module for Arduino is a high-sensitivity, high-performance, cost-effective vibration sensor with fast response. This vibration sensor is designed to detect vibration signals through its internal inductance coil. The SEN0433 vibration sensor operates at a 5V to 15V power supply range.

This sensor includes features like digital signal output, adjustable sensitivity, and an onboard LED indicator for feeding back sensor status. As vibration is detected the SEN0433 sensor outputs low and the indicator turns on, and it can further be designed with Arduino to make an alarm system and vibration monitor.



Features

- Output:
 - Switch quantity (output low)
- High sensitivity
- Fast response
- High performance
- Cost-effective

Specifications

- 5V to 15V supply voltage range
- $\leq 100\text{mA}$ (maximum load current) output current
- $\leq 6\text{mA}$ static current

Applications

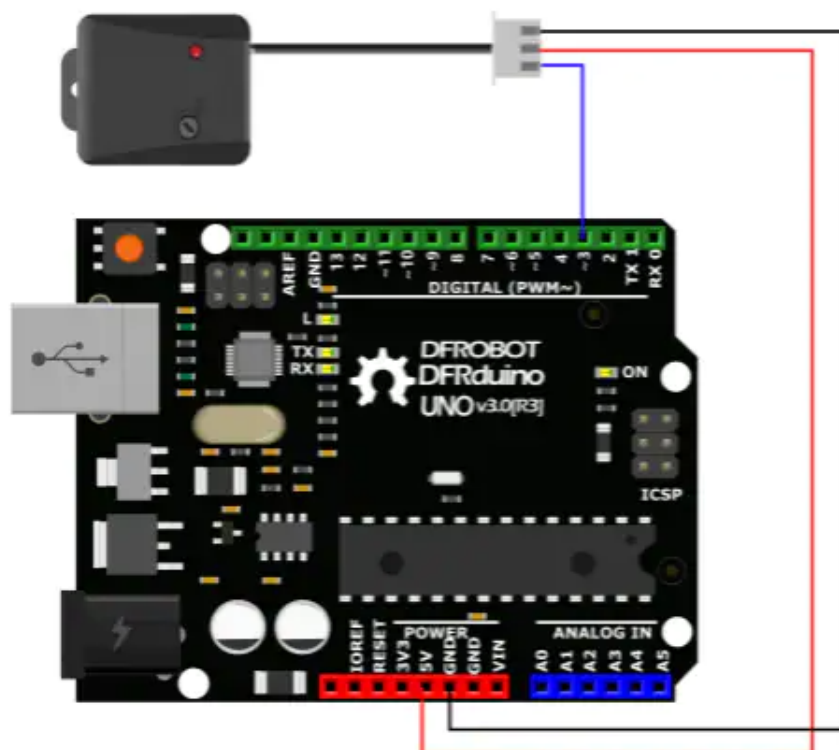
- Alarm system
- Vibration monitor

Board Overview



Num	Label	Description
1	GND	Sensor Power -
2	VCC	Sensor Power +
3	OUT	Sensor Signal Output

Connection Diagram



Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-sen0433-vibration-sensor-module-arduino/>