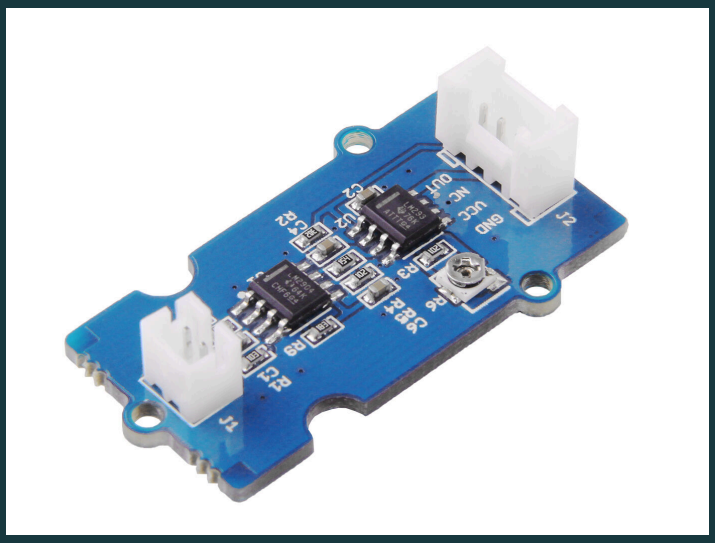
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INDUSTRIAL PRODUCT DATASHEET

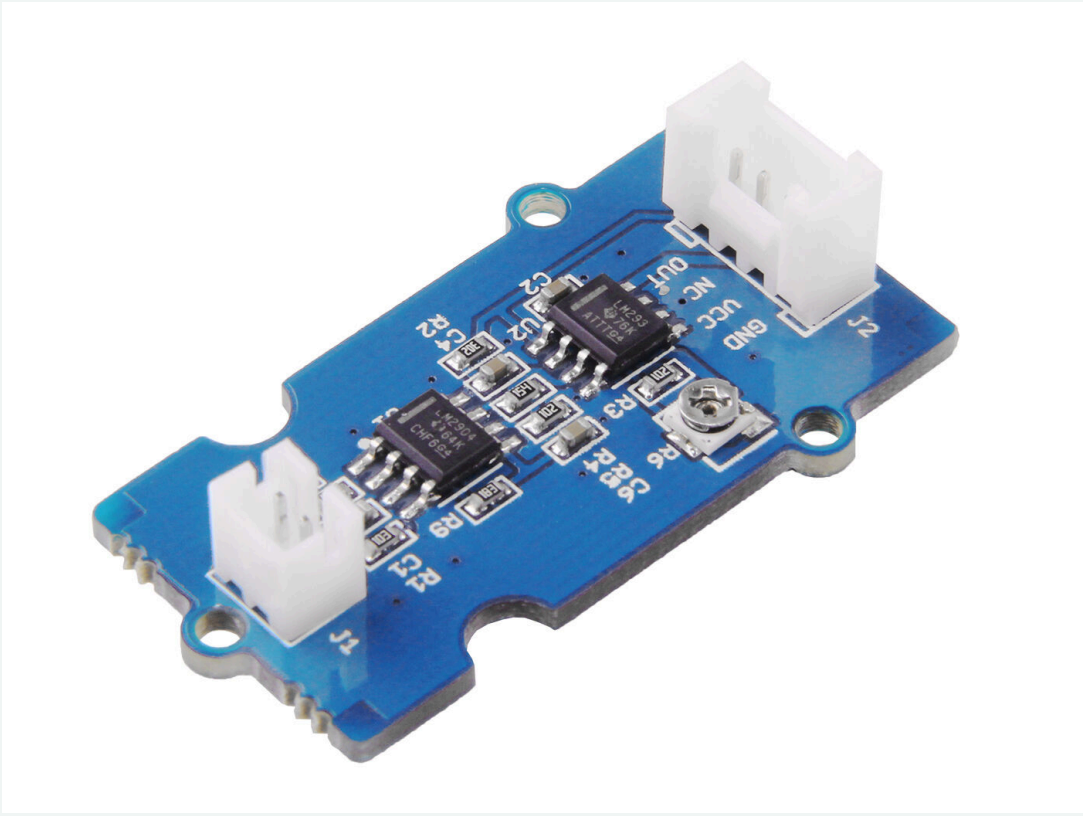
Grove - Piezo Vibration Sensor

Grove-Piezo Vibration Sensor is suitable for measurements of flexibility, vibration, impact and touch.

SKU	UPDATED	PRICE
101020031	2026-11-11 07:38:02	$6.90(Excl. VAT)



Overview



Grove-Piezo Vibration Sensor is suitable for measurements of flexibility, vibration, impact and touch. The module is based on PZT film sensor LDT0-028.

Key Features

01 **High receptivity for strong impact**

With the help of PZT film sensor LDT0-028K, No more fear of sensor damage due to large shocks when measuring flexibility, vibration, shock and touch.

02 **Wide dynamic range**

Detectable range up to 0.1Hz~180Hz, make this sensor more suitable for measuring different application scenarios.

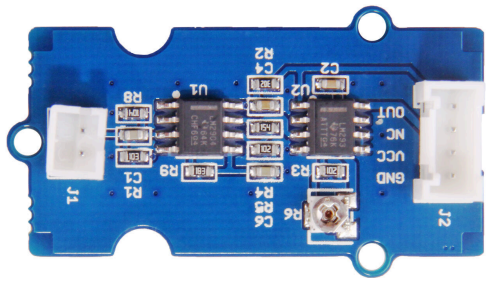
03 **Easy to adjust sensitivity**

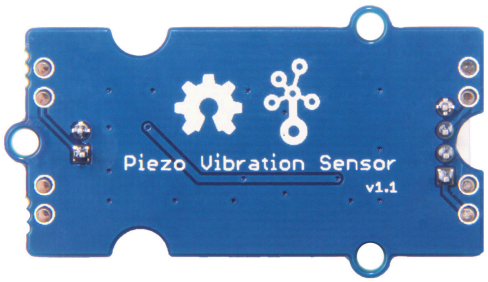
Adjust the sensitivity of the on-board potentiometer by adjusting its screw.

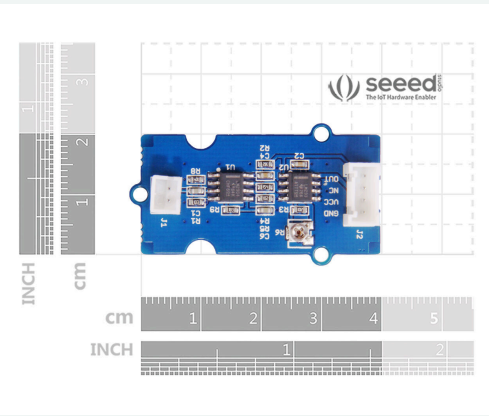
04 **Grove unified socket**

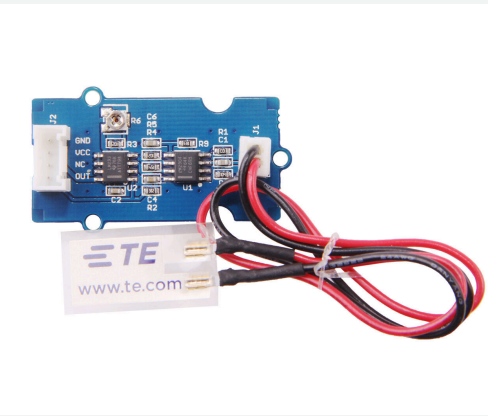
The sensor ensures "Plug and Play" and could be versatile for various applications.

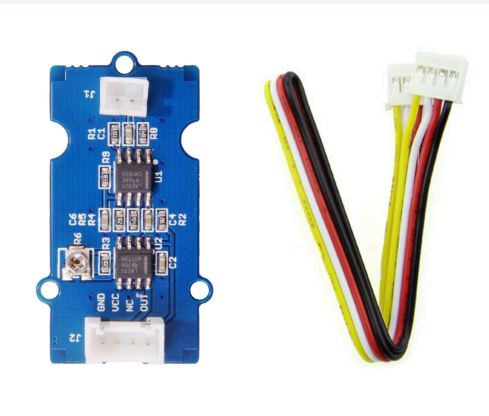
Product Gallery











Applications

- **Vibration Sensing in Washing Machine**
- **Low Power Wakeup Switch**
- **Low Cost Vibration Sensing**
- **Car Alarms**
- **Body Movement**
- **Security Systems**

Resource Links

- https://www.seeedstudio.com/Grove-Piezo-Vibration-Sensor.html
- Download Wiki PDF
- Grove - Piezo Vibration Sensor Eagle File
- Grove - Piezo Vibration Sensor Schematic PDF File
- Grove - Piezo Vibration Sensor PCB PDF File
- Piezo Vibration Sensor Datasheet

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