



# Slow Vibration Sensor Switch (Hard to trigger)

PRODUCT ID: 1767



## Description

The "poor man's" accelerometer/motion sensor! These spring-vibration switches are **low sensitivity** non-directional vibration induced trigger switches. Inside is a stiff spring coiled around a long metal pin. When the switch is moved, the spring touches the center pole to make contact. So, when there's motion, the two pins will act like a closed switch. When everything is still, the switch is open. Great for basic projects and wearables!

We also have a version with a less stiff spring which makes it a little easier to trigger, and a version with a very soft spring which makes it much easier to trigger!

## Technical Details

- Electrical characteristics:
  - **Maximum Voltage:** 12V
  - **Contact Resistance:** <10 ohm
  - **Contact Time:** 2 ms
  - **Maximum Current:** 20mA
  - **Insulation Resistance:** >10M ohm
  - **Temperature Range:** -40 to 80°C
  - **Operating lifespan:** 100,000 cycles
  - Diameter: 5mm/0.2"
  - Height (w/ pins): 21mm/0.8"
  - Height (w/o pins): 11mm/0.4"
  - Weight: 0.30g