



Fast Vibration Sensor Switch (Easy to trigger)

PRODUCT ID: 1766



Description

The "poor man's" accelerometer/motion sensor! These spring-vibration switches are **high sensitivity** non-directional vibration induced trigger switches. Inside is a very soft 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 slightly stiffer spring which makes it harder to trigger, and a version with a much more stiff spring which is even harder 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): 25mm/1"
 - Height (w/o pins): 15mm/0.6"
 - Weight: 0.3g

