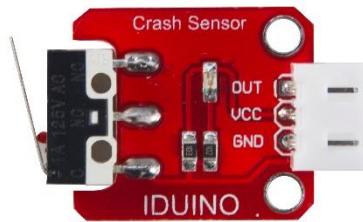
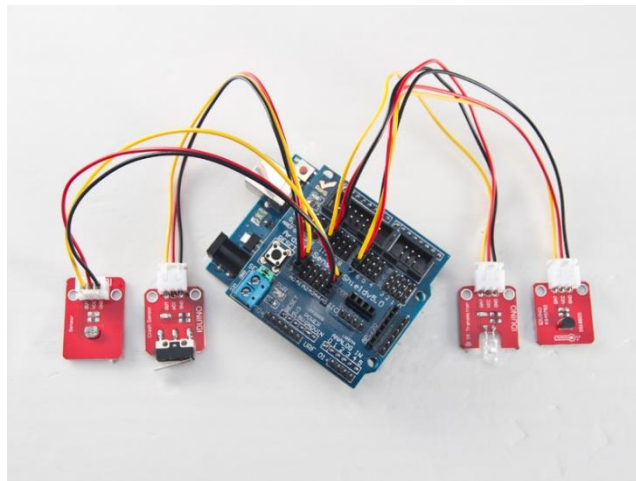


## Easy Crash Switch sensor(SE032)



### 1 Introduction

This module called Crash switch sensor. When this module be crash, it will output low or high signal for your control. Sometimes we call this limited switch, it's widely used in somewhere one object's motion is stopped to certain location. This module has one indicator light, which would be on when this module's voltage signal is changed. And, this module has integrated 3-pin terminal, which can be simply and tidily connected with Arduino sensor expansion board, like the following picture:



### Specification

- Operation voltage: 5V
- With 3-Pin Jumpers
- Size:25\*15mm
- Weight:4g

### 2 Pinout

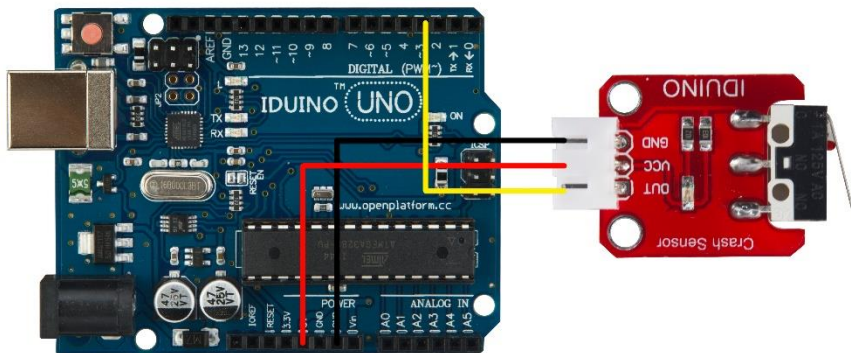
Pin	Description
OUT	If the sensor detect a crash, this pin

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	output low or high level signal
Vcc	Power
Gnd	Ground

### 3.Example

In this example, you need connect a LED to pin13 to see when this module be rotated, what will happen.



\*\*\*\*\*Code Begin\*\*\*\*\*

```
int Led = 13 ;// define LED Interface
int buttonpin = 3; // define the crash switch sensor interfaces
int val ;// define numeric variables val
void setup ()
{
  pinMode (Led, OUTPUT) ;// define LED as output interface
  pinMode (buttonpin, INPUT) ;//define the output interface tilt switch
  sensor
}
void loop ()
{
  val = digitalRead (buttonpin) ;// digital interface will be assigned a
  value of 3 to read val
  if (val == HIGH) //When the tilt sensor detects a signal when the
  switch, LED flashes
```

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---

```
{
  digitalWrite (Led, HIGH);
}
else
{
  digitalWrite (Led, LOW);
}
}
*****Code End*****
```