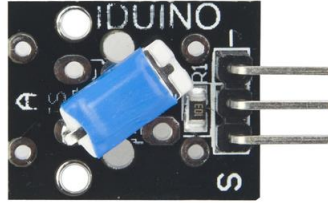


Ball Switch sensor(SE059)



1 Introduction

This module called Ball switch sensor, just like a ball tilt switch, similar with the mercury tilt switch. When this module be tilted, it will output low or high signal for your control.

Specification

- Operation voltage: 5V
- 3Pin
- Size:25*15mm
- Weight: 2g

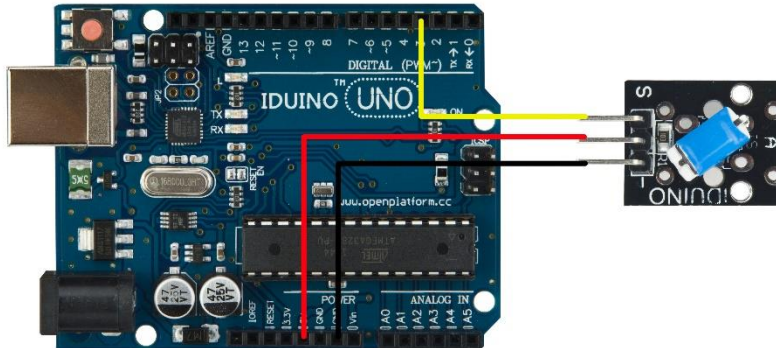
2 Pinout

Pin	Description
S	If the sensor detect a tilt, this pin output low or high level signal
+(middle pin)	Power
-	Ground

3.Example

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

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*****Code Begin*****

```
int Led = 13 ;// define LED Interface
int buttonpin = 3; // define the tilt 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
  {
    digitalWrite (Led, HIGH);
  }
  else
  {
    digitalWrite (Led, LOW);
  }
}
```

*****Code End*****