

Vibration / Tilt SENSOR

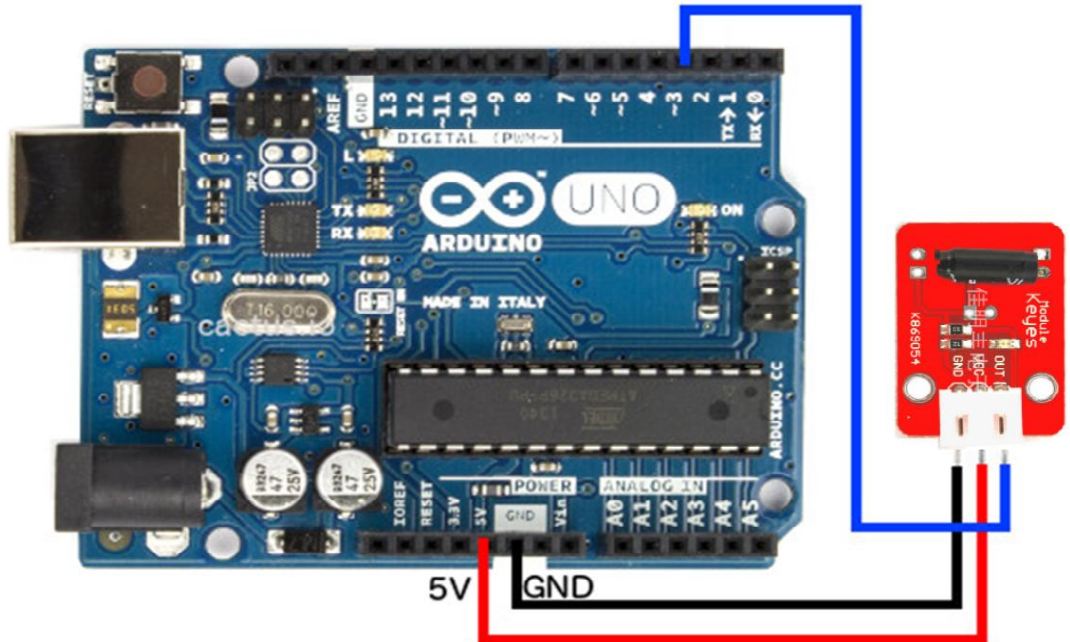
Module: KY0045

Introduction

Tilt Sensor is a digital tilt switch, which can be used as a simple tilt sensor. Simply plug it to our IO/Sensor shield, it can be used to make amazing interactive projects. With dedicated sensor shield and Arduino, you can achieve interesting and interactive work.

Specification:

Supply Voltage: 3.3V to 5V
 Interface: Digital
 Size: 30*20mm
 Weight: 3g



Reference program :

```
int ledPin = 13;           // Connect LED to pin 13
int switcher = 3;         // Connect Tilt sensor to Pin3

void setup()
{
  pinMode(ledPin, OUTPUT); // Set digital pin 13 to output mode
  pinMode(switcher, INPUT); // Set digital pin 3 to input mode
}

void loop()
{
  if(digitalRead(switcher)==HIGH) //Read sensor value
  {
    digitalWrite(ledPin, HIGH); // Turn on LED when the sensor is tilted
  }
  else
  {
    digitalWrite(ledPin, LOW); // Turn off LED when the sensor is not triggered
  }
}
```