

Product Name: Switch Module Mini Tilt Sensor 3.3-5V Tilt Switch Module For Arduino

Product Description:

This tilt switch sensor contains a small metal ball that will complete a circuit depending on the orientation of the module. The sensor is very basic, and detects changes in its tilt. It cannot measure the angle of its tilt.

There are numerous examples on the internet of code to operate this switch. A search of "KY-020 tilt switch code" will give you numerous examples.

Connection: The ground wire should be connected with the pin near the – on the board. The Data wire should connect to the pin near the S on the board. 5V is connected to the middle pin.

Board dimensions: 18mm x 14mm

Products Features:

Tilt switch module and a digital interface, built-in 13 LED build a simple circuit to produce tilt warning lamp 13 comes with digital interfaces of the LED, the tilt switch sensor interface to access digital 3, when the tilt open Off sensor senses a key signal, LED lights, otherwise off.

Routines source code:

```
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);  
}  
}
```

Package Included

1PCS X Tilt Switch Sensor Module for AVR PIC

