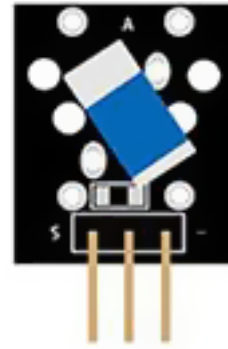


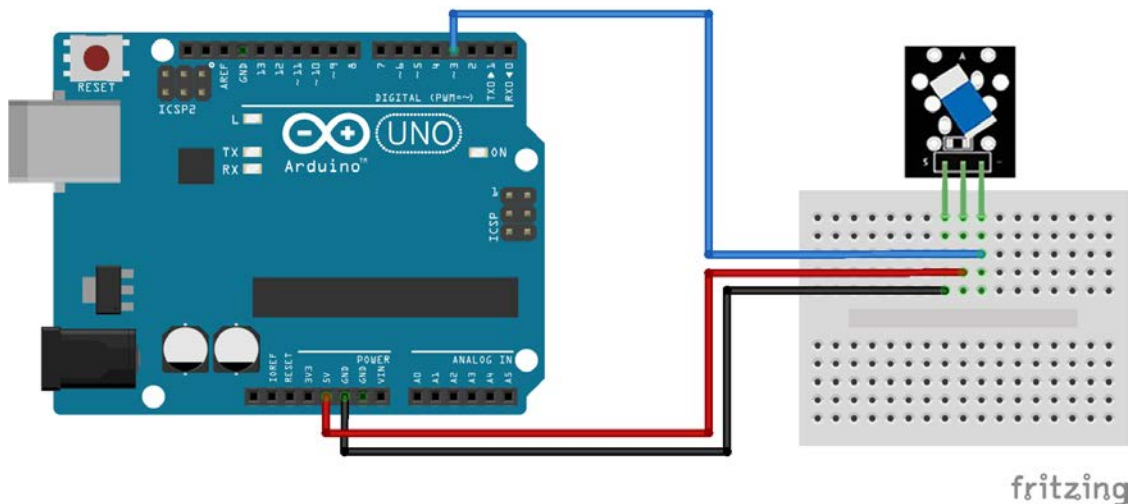
Mini Tilt Sensor Module

The tilt sensor will detect when the module is tilted. It works like a regular switch and has a little metal ball inside. When the sensor is angled, the ball will move and open the circuit. When the sensor is lying flat, the ball will rest and close the circuit.



Pinout and Connection to Arduino

Connect the Power line (middle) and ground (-) to +5 and GND respectively. Connect signal (DO) to pin 3 on the Arduino.



Arduino Example Sketch

The example sketch will light the LED when module is tilted.

```
int led = 13; //LED pin
int sensor = 3; //sensor pin
int val; //numeric variable

void setup() {
  pinMode(led, OUTPUT); //set LED pin as output
  pinMode(sensor, INPUT); //set sensor pin as input
}

void loop() {
  val = digitalRead(sensor); //Read the sensor
  if(val == HIGH) { digitalWrite(led, HIGH); }
  else { digitalWrite(led, LOW); }
}
```