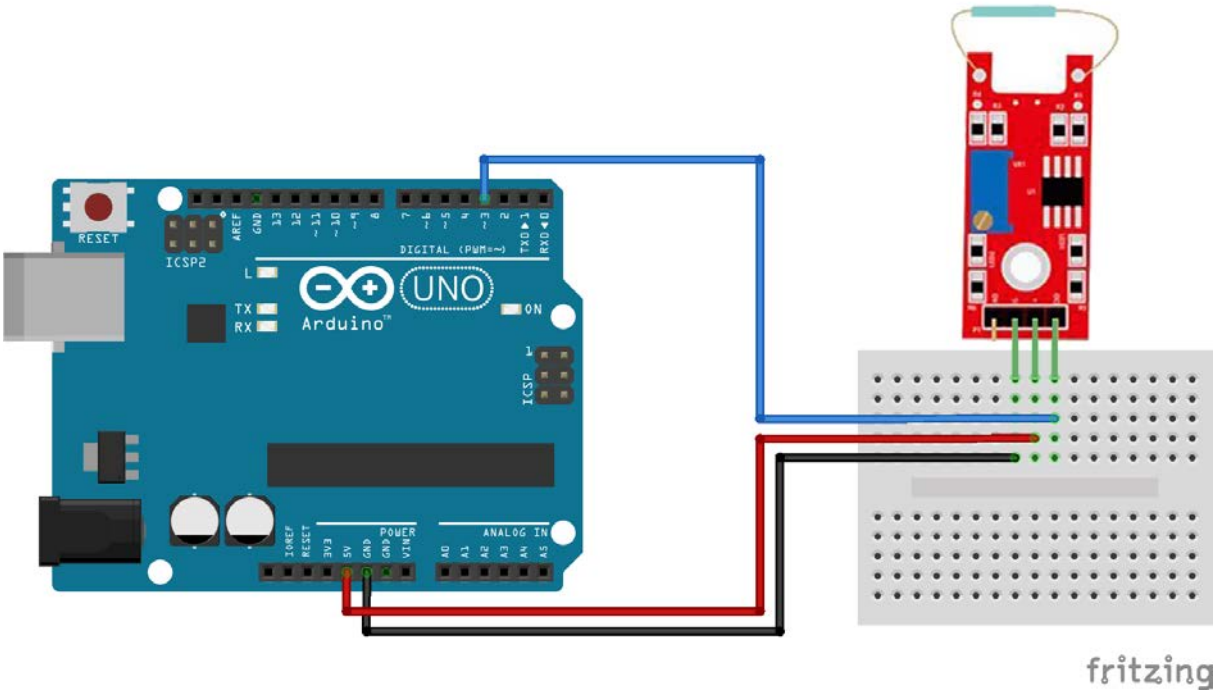
Reed Switch Sensor Module

The reed switch sensor will detect when a magnet is in close range. It works like a regular switch, but operated by magnets. When a magnet is close, the switch also closes. When not magnet is close, the switch will open again.

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 a magnet is detected.

```
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);
          }
}
```