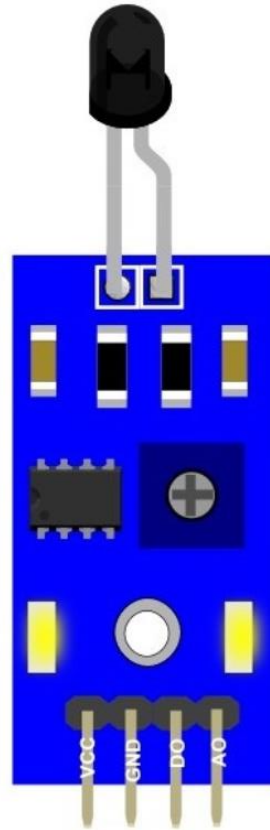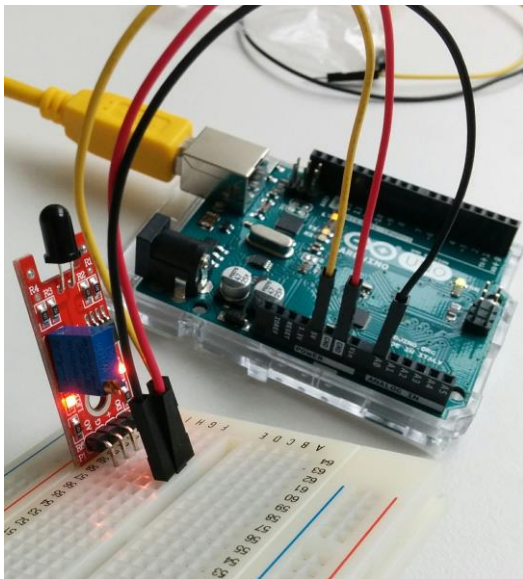# Flame Sensor

Introduction

This module is sensitive to the flame and radiation. It also can detect ordinary light source. The Flame sensor can output digital or analog signal.

Interface Description (4-wie)

1. VCC →3.3V/5V
2. GND→GND
3. D0 → Arduino digital output(0 and 1)
4. A0 → Arduino analog output interface

```
int sensorValue;
void setup() {
  Serial.begin(9600);
}

void loop() {
  //Reads the Value from analogPin A0
  sensorValue = analogRead(A0);
  //Prints the value
  Serial.println(sensorValue);
  delay(1);//Stability Reasons
}
```

Links:

http://www.fut-electronics.com/wp-content/plugins/fe_downloads/Uploads/Flame-sensor-arduino.pdf

http://microcontrollerslab.com/flame-sensor-arduino-fire-detection/

http://www.instructables.com/id/Arduino-Modules-Flame-Sensor/

http://www.instructables.com/id/Flame-detection-using-Arduino-and-flame-sensor/