

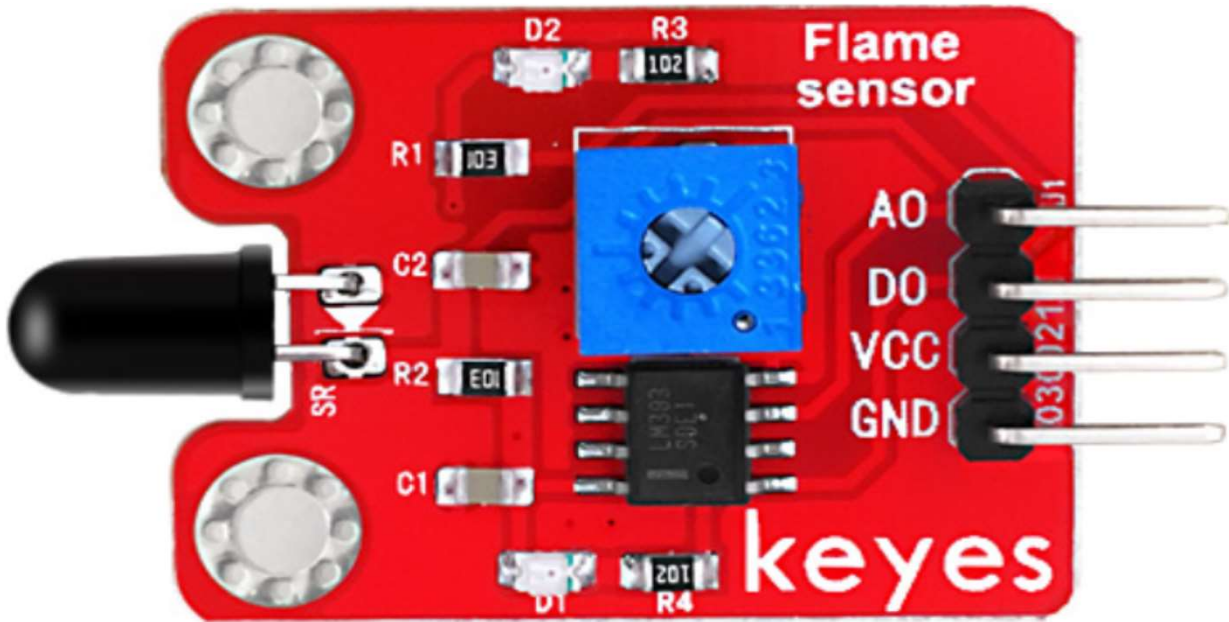
KE0045 KEYES flame sensor module

Parameters:

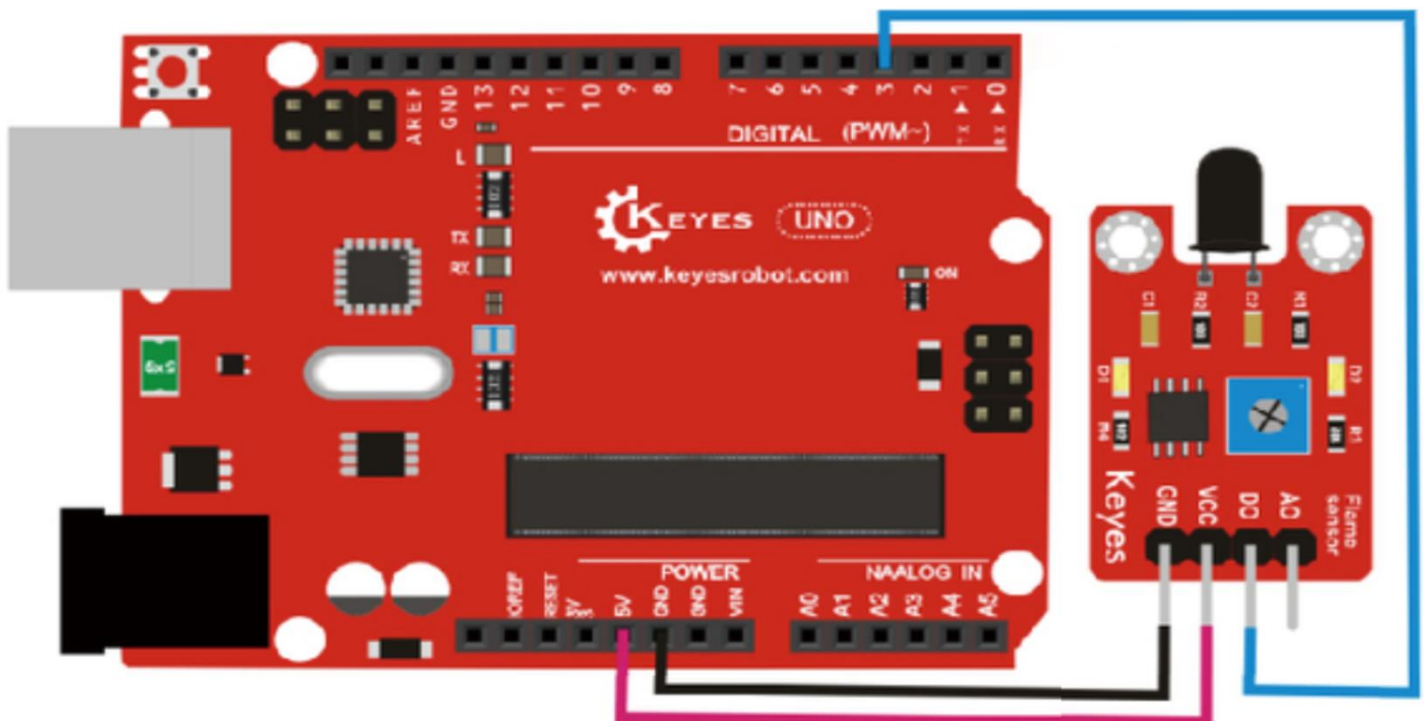
Working Voltage: 3.3 ~ 5VDC

Colour: Red

Size: 35x22x16mm.



PINOUT Instruction:



Sample Code:

```
const int flamePin = 3; // the number of the flame pin
const int ledPin = 13; // the number of the LED pin
// variables will change:
int State = 0; // variable for reading status
void setup() {
  // initialize the LED pin as an output:
  pinMode(ledPin, OUTPUT);
  // initialize the pushbutton pin as an input:
  pinMode(flamePin, INPUT);
}
void loop(){
  // read the state of the value:
  State = digitalRead(flamePin);
  if (State == HIGH) {
    // turn LED on:
    digitalWrite(ledPin, HIGH);
  }
  else {
    // turn LED off:
    digitalWrite(ledPin, LOW);
  }
}
```

Result:

Done wiring and powered up, upload well the code to the board.
Then if you put a lighter (Flame) close to the sensor, when the sensor can detects the flame, the led on the sensor board and LED 13 turned on.