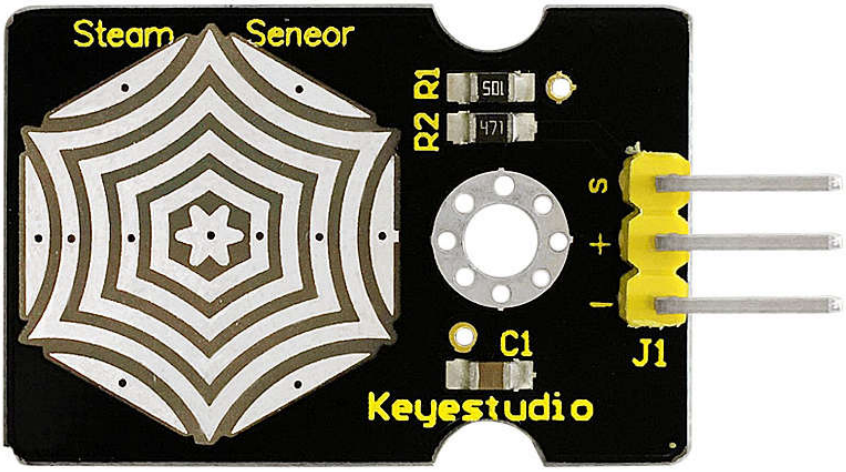
KS0203 Vapor Sensor



Introduction

Vapor Sensor is an analog sensor and can make a simple rainwater detector and liquid level switch. When humidity on the face of this sensor rises, output voltage will increase.

Caution: connection parts is non-waterproof, so please don't put them into water.

Performance Parameters

1. Working Voltage: 3.3V or 5V
2. Working Current: <20mA
3. Range of Working Temperature: －10℃～＋70℃
4. Interface Type: Analog Signal Output
5. Size: 36mm x 20mm
6. Weight:

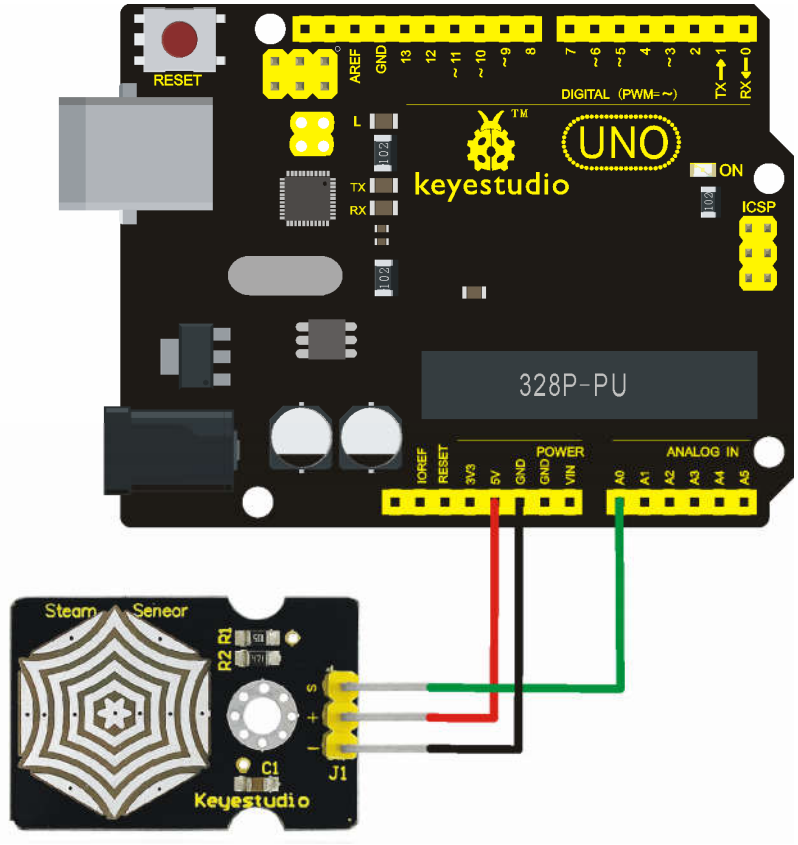
Pin Definition:

S：Signal Output

+：Power Supply(VCC)

-：Ground(GND

Connection Diagram



Codes

```
void setup()
{
Serial.begin(9600); //open serial port, and set baud rate at 9600bps
}
void loop()
{
int val;
val=analogRead(0); //plug vapor sensor into analog port 0
Serial.print("Moisture is ");
Serial.println(val,DEC); //read analog value through serial port printed
delay(100);
}
```

Result

When you detect different degree of humidity, the sensor feedback current value. Shown as following picture, the value is displayed on serial port, when the sensor detects boiled.