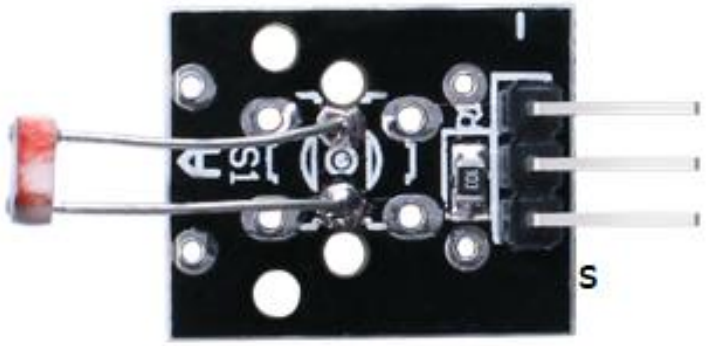
Light Dependent Resistor Module

DESCRIPTION:

Light Dependent Resistor, also called photoresistor, are light sensitive devices most often used to indicate the presence or absence of light, or to measure the light intensity.



Specification：

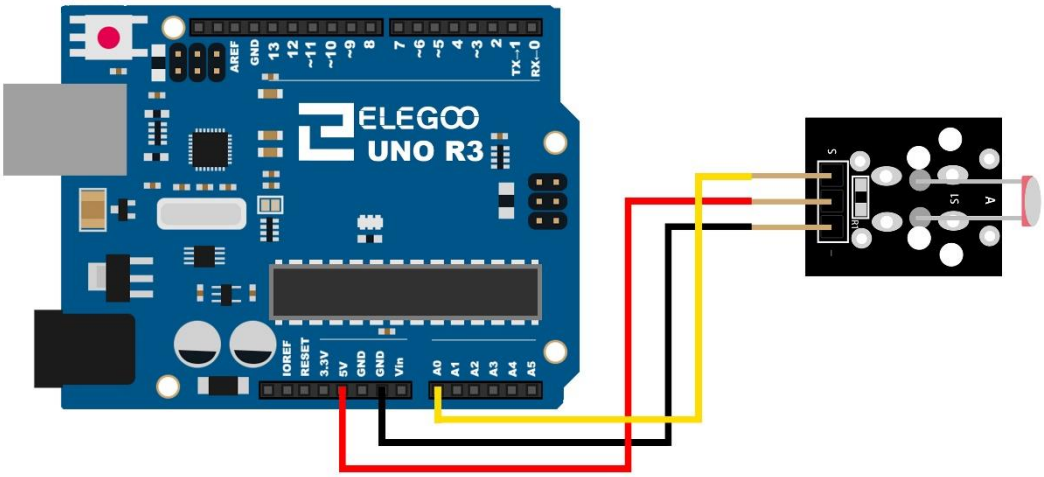
- Operation voltage: 5V
- 3Pin
- Size:28*15mm
- Weight: 2g

PIN CONFIGURATION:

1、 “S”: Analog output pin,real-time output voltage signal
2、 “+” : +5V
3、 “-” :GND

Example:

In this example, this module will read the value of resistor and print in the Serial Monitor. These value can be reflect the intensity of environment light.

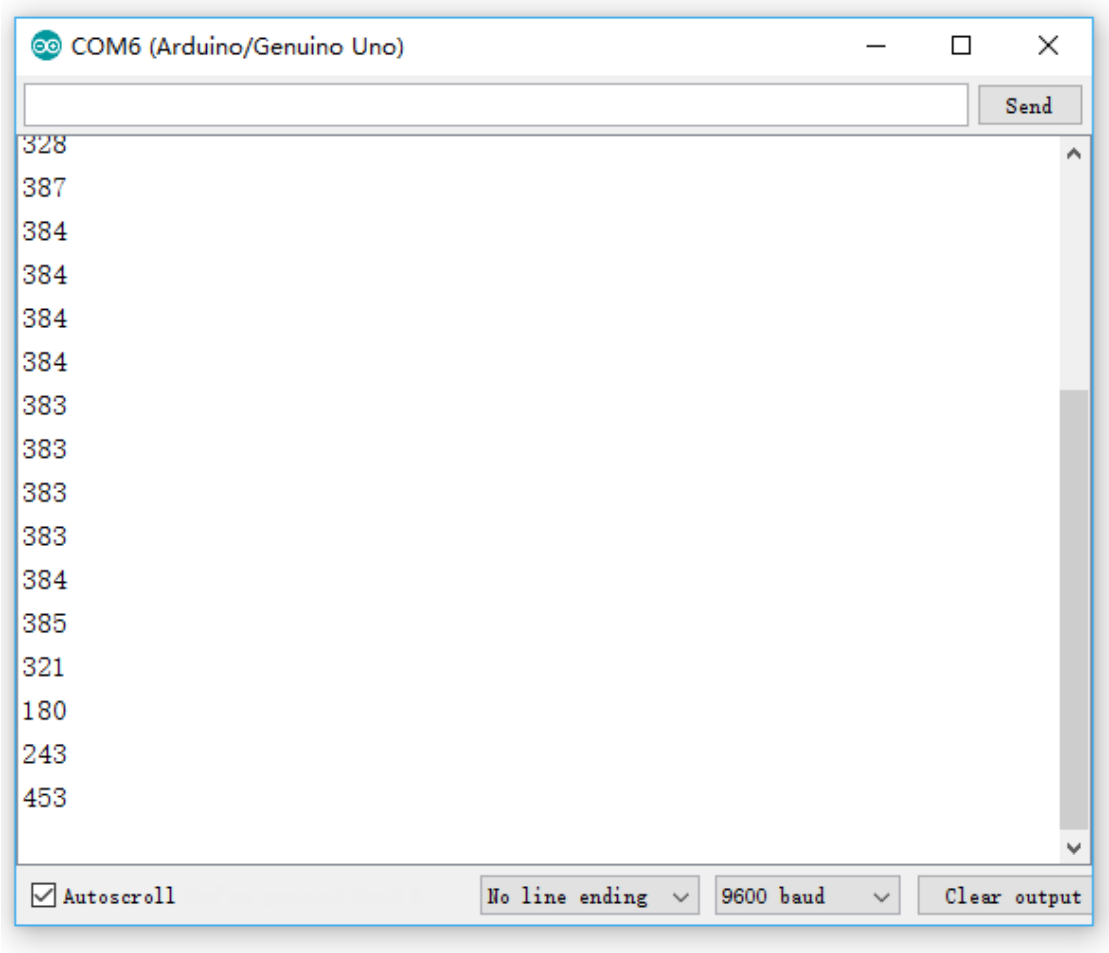


Code:

```
int sensorPin = A0; // select the input pin for the potentiometer
int ledPin = 13; // select the pin for the LED
int sensorValue = 0; // variable to store the value coming from the sensor
void setup() {
pinMode(ledPin, OUTPUT);
Serial.begin(9600);
}
void loop() {
sensorValue = analogRead(sensorPin);
digitalWrite(ledPin, HIGH);
delay(sensorValue);
digitalWrite(ledPin, LOW);
delay(sensorValue);
Serial.println(sensorValue, DEC);
```

}

Result:


COM6 (Arduino/Genuino Uno)
Send
328
387
384
384
384
384
383
383
383
383
384
385
321
180
243
453
Autoscroll
No line ending
9600 baud
Clear output