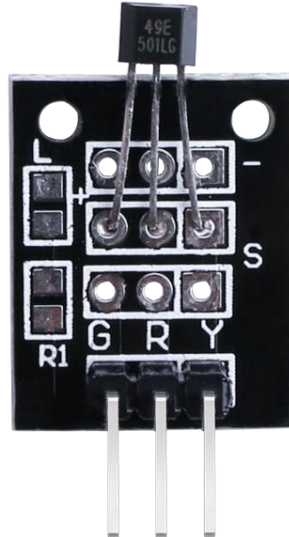


## Hall Effect Sensor

### DESCRIPTION:

This module is analog hall sensor module, it can output an analog voltage at the signal pin of this module.



### Specification:

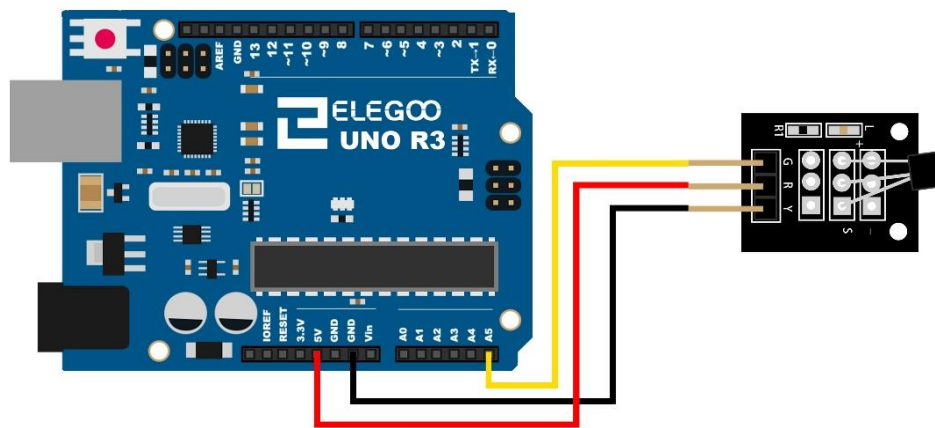
- Operation voltage: 5V
- 3Pin
- Size:27\*15.5mm
- Weight:1.280g

### PIN CONFIGURATION:

- 1、“S”: Analog output pin,real-time output voltage signal
- 2、“G” : GND
- 3、“R” :Power(5V/DC)

### Example:

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



## Code:

```
int sensorPin = A5; // select the input pin

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);
}
```

## Reslut:

