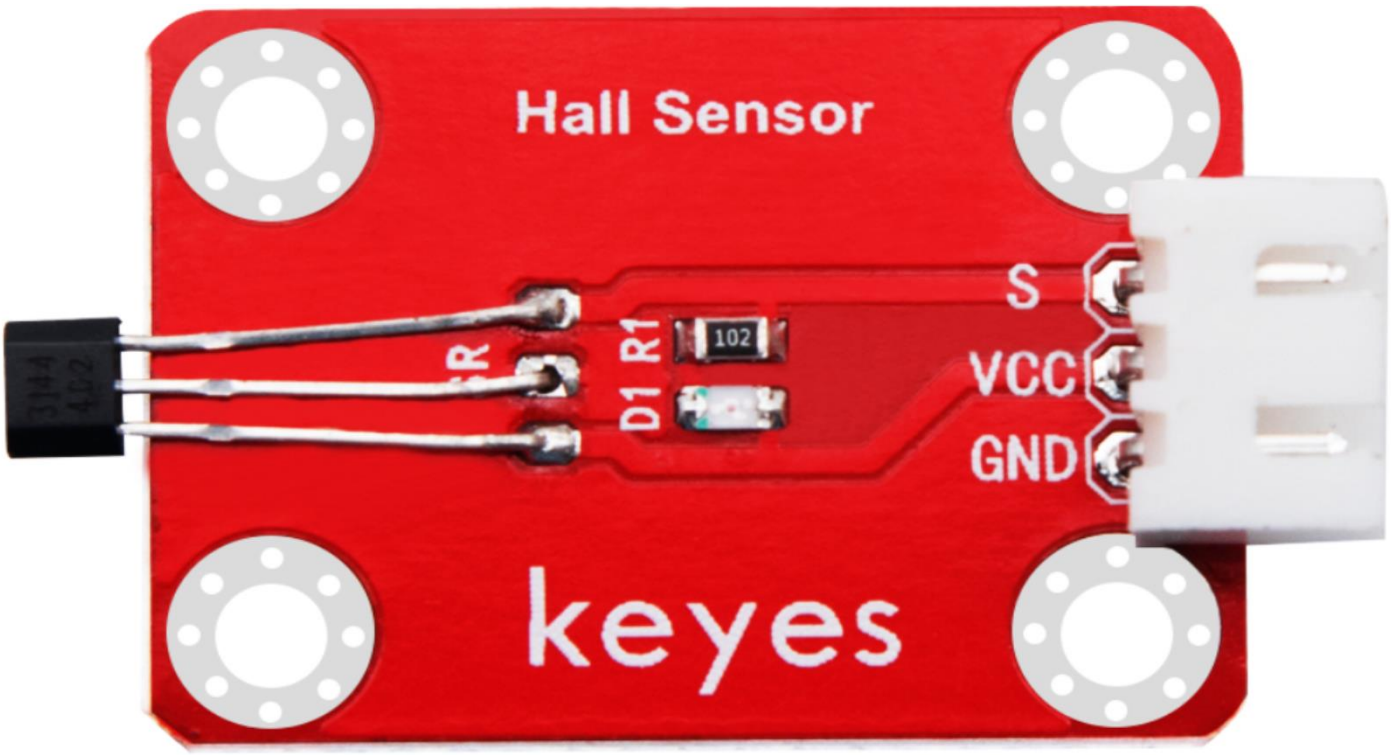
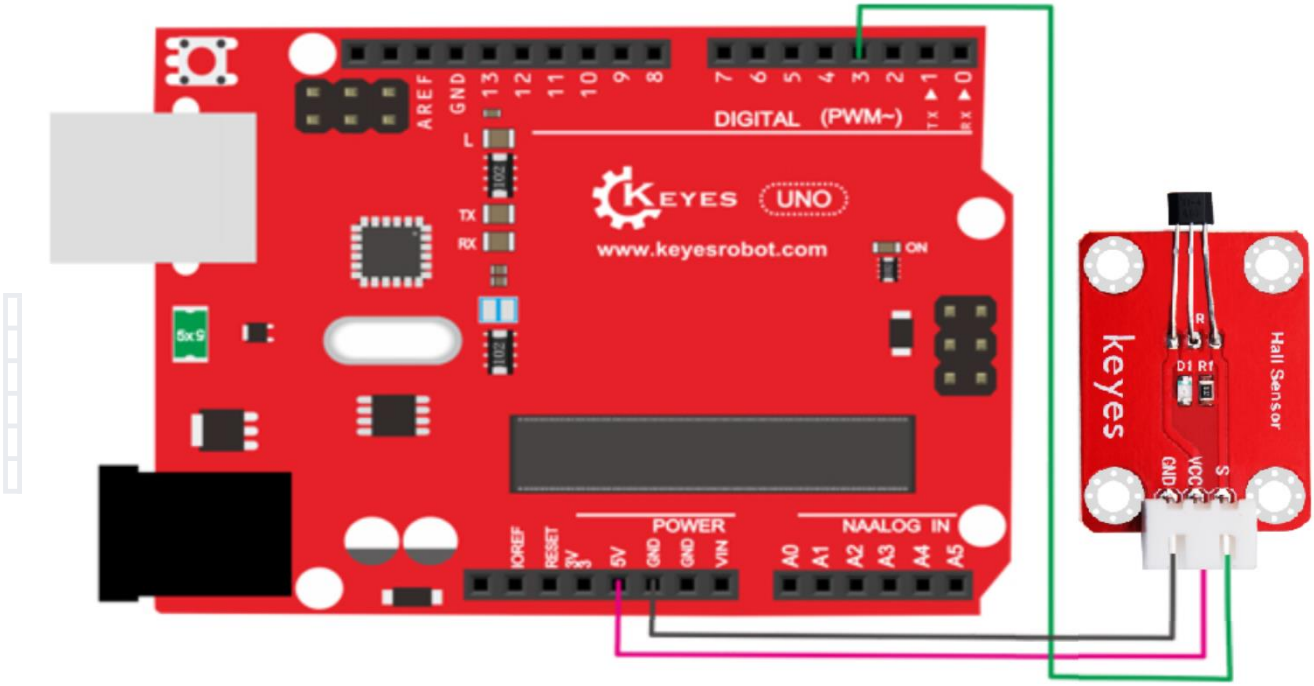
KE2028 KEYES Hall sensor module

Parameters:

Working Voltage: 3.3 ~ 5VDC
Colour: Red
Size: 38x22x12mm.



PINOUT Instruction:



Sample Code:

```
int ledPin = 13;                // choose the pin for the LED
int inputPin = 3;               // Connect sensor to input pin 3
int val = 0;                    // variable for reading the pin status

void setup() {
  pinMode(ledPin, OUTPUT);      // declare LED as output
  pinMode(inputPin, INPUT);     // declare push button as input
}

void loop(){
  val = digitalRead(inputPin);  // read input value
  if (val == HIGH) {            // check if the input is HIGH
    digitalWrite(ledPin, LOW);  // turn LED OFF
  } else {
    digitalWrite(ledPin, HIGH); // turn LED ON
  }
}
```

Result:

Wire it up and upload well the code to board, you will see that D13 indicator on UNO board is off, and led on the module is also off. But if put a magnetic ball close to the hall module, you will see the D13 indicator on UNO board is turned on, and led on the module is also turned on.