



(<https://www.dfrobot.com/product-687.html>)

Introduction

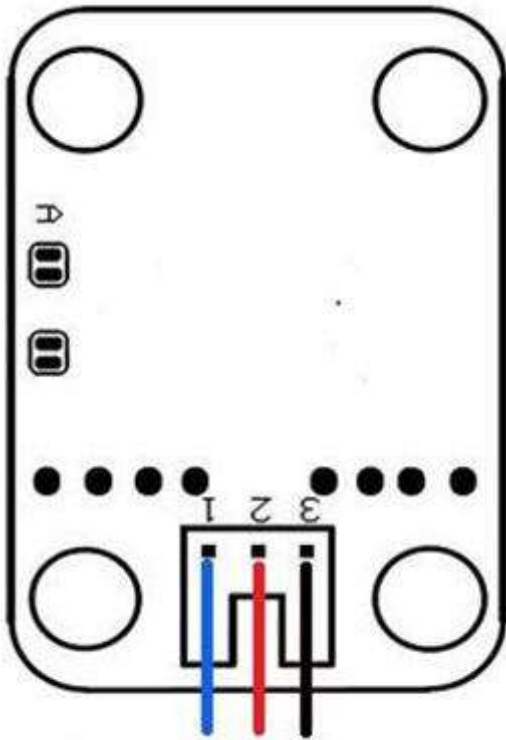
This is a simple-to-use **hydrogen gas sensor** (<https://www.dfrobot.com/product-687.html>). They are used in gas leakage detecting equipments in home and industry applications. Avoid the noise of alcohol, cooking fumes, LPG, CO. The sensitivity can be adjusted by the potentiometer.

Specification

- Power supply needs: 5V
- Interface type: Analog
- Pin Definition: 1-Output 2-GND 3-VCC
- High sensitivity to Hydrogen (H₂)
- Small sensitivity to alcohol, LPG, cooking fumes
- Stable and long life
- Size: 40x20mm

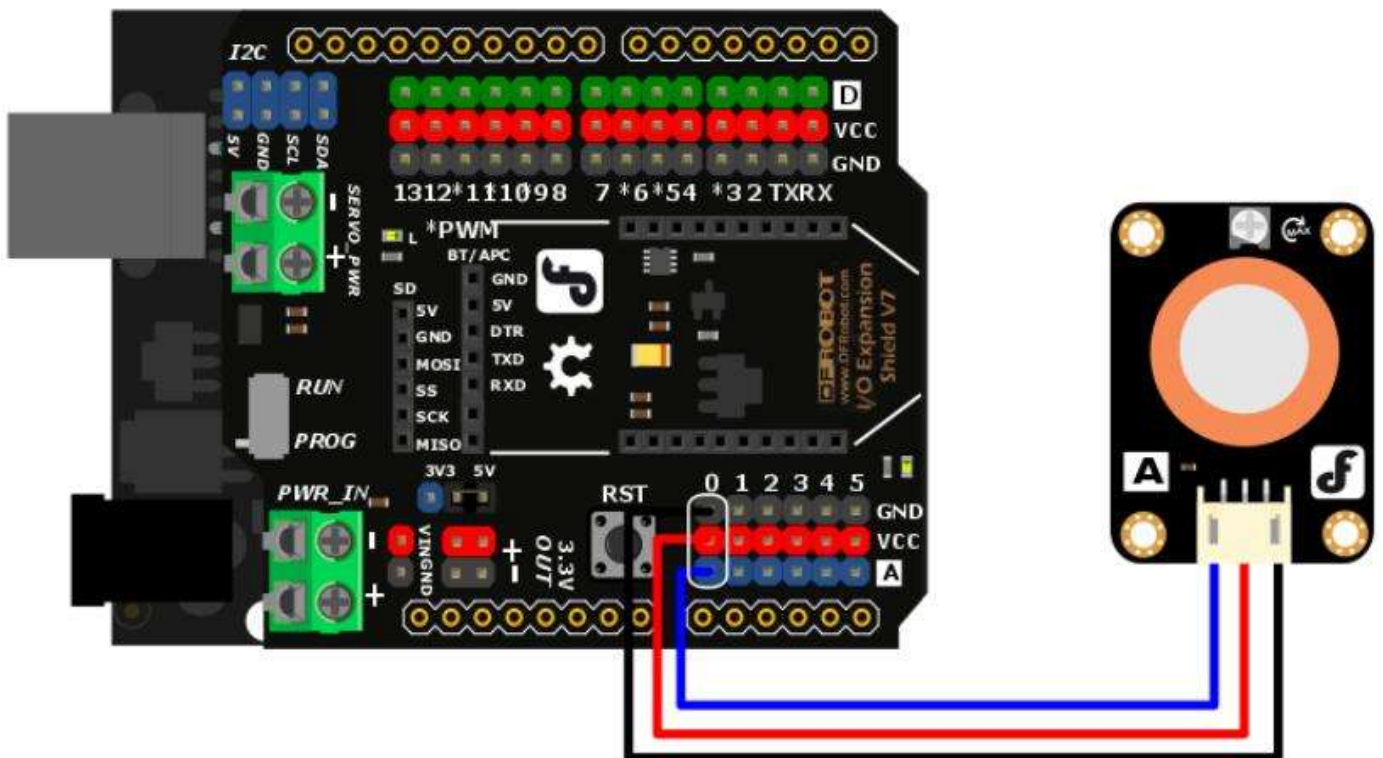
Pin Definition

1. Signal Output
2. GND
3. Power



Output 5V GND

Connection Diagram



Sample Code

```
///Arduino Sample Code
void setup()
{
  Serial.begin(9600); //Set serial baud rate to 9600 bps
}
void loop()
{
  int val;
  val=analogRead(0);Read Gas value from analog 0
  Serial.println(val,DEC);//Print the value to serial port
  delay(100);
}
```

More Documents



Get **Hydrogen Gas Sensor(MQ8)** (<https://www.dfrobot.com/product-687.html>) from DFRobot Store or **DFRobot Distributor**. (<https://www.dfrobot.com/index.php?route=information/distributorslogo>)

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Turn to the Top