

# Hydrogen Gas Sensor(MQ8)

From Robot Wiki

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## Introduction

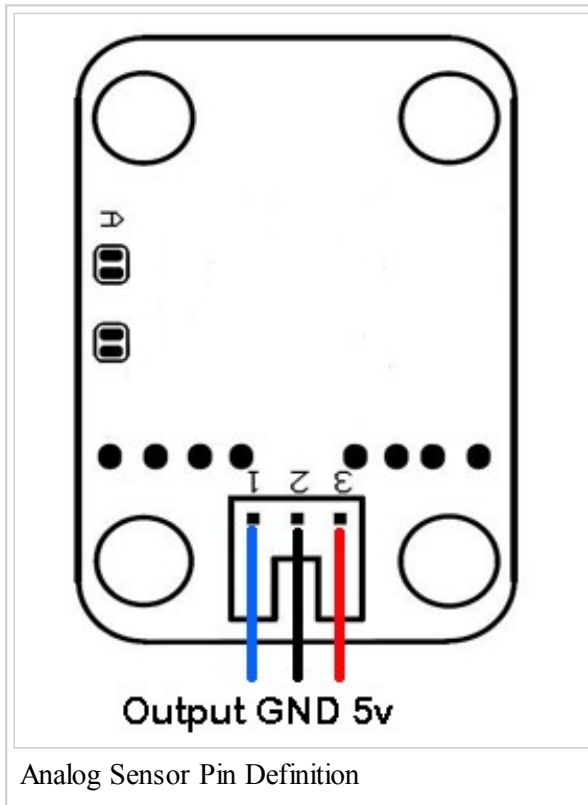
This is a simple-to-use hydrogen gas sensor. They are used in gas leakage detecting equipments in home and industry applications. Avoid the noise of alcohol, cooking fumes, LPG, CO. The sensitivity can be adjusted by the potentiometer.

## Specification

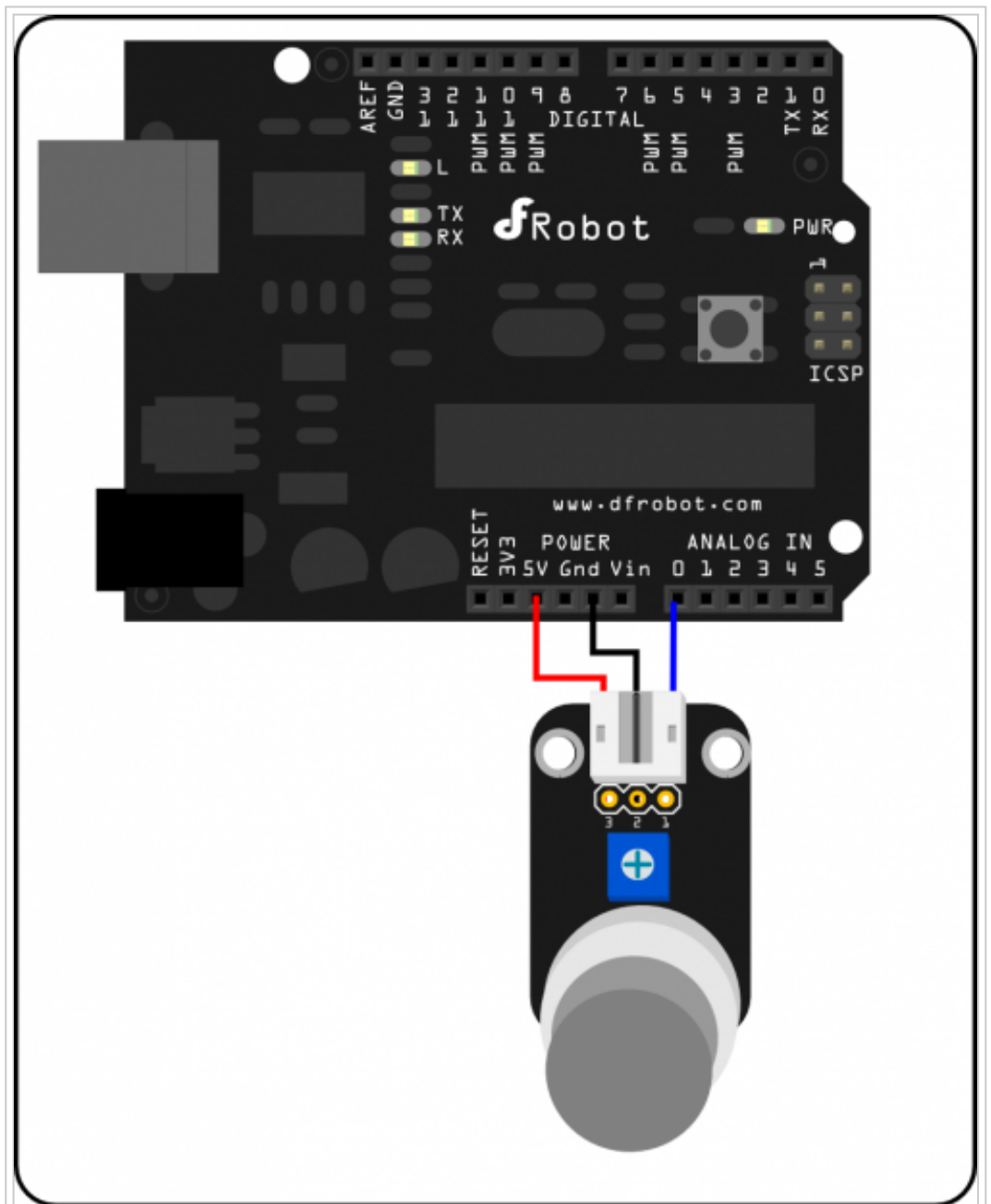
- Power supply needs: 5V
- Interface type: Analog
- Pin Definition: 1-Output 2-GND 3-VCC
- High sensitivity to Hydrogen (H<sub>2</sub>)
- Small sensitivity to alcohol, LPG, cooking fumes
- Stable and long life
- Size: 40x20mm

## Pin Definition

1. Signal Output
2. GND
3. Power



## Connection Diagram



Analog sensor connection diagram

## Sample Code

```
?  
1 //Arduino Sample Code  
2 void setup()  
3 {  
4   Serial.begin(9600); //Set serial baud rate to 9600 bps  
5 }  
6 void loop()
```

```
7 {  
8 int val;  
9 val=analogRead(0);Read Gas value from analog 0  
10Serial.println(val,DEC);//Print the value to serial port  
11delay(100);  
12}
```