

## Introduction

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The MQ7 is a simple-to-use Carbon Monoxide (CO) sensor suitable for sensing CO concentrations in the air. It can detect CO-gas concentrations anywhere from 20 to 2000ppm. The sensitivity can be adjusted by the potentiometer.

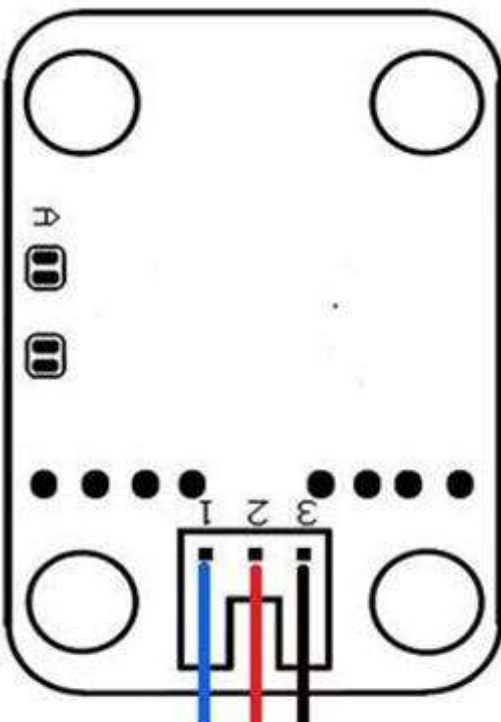
## Specification

- Power supply needs: 5V
- Interface type: Analog
- Pin Definition: 1-Output 2-VCC 3-GND
- High sensitivity to carbon monoxide
- Fast response
- Stable and long life
- Size: 40x20mm

## Pin Definition

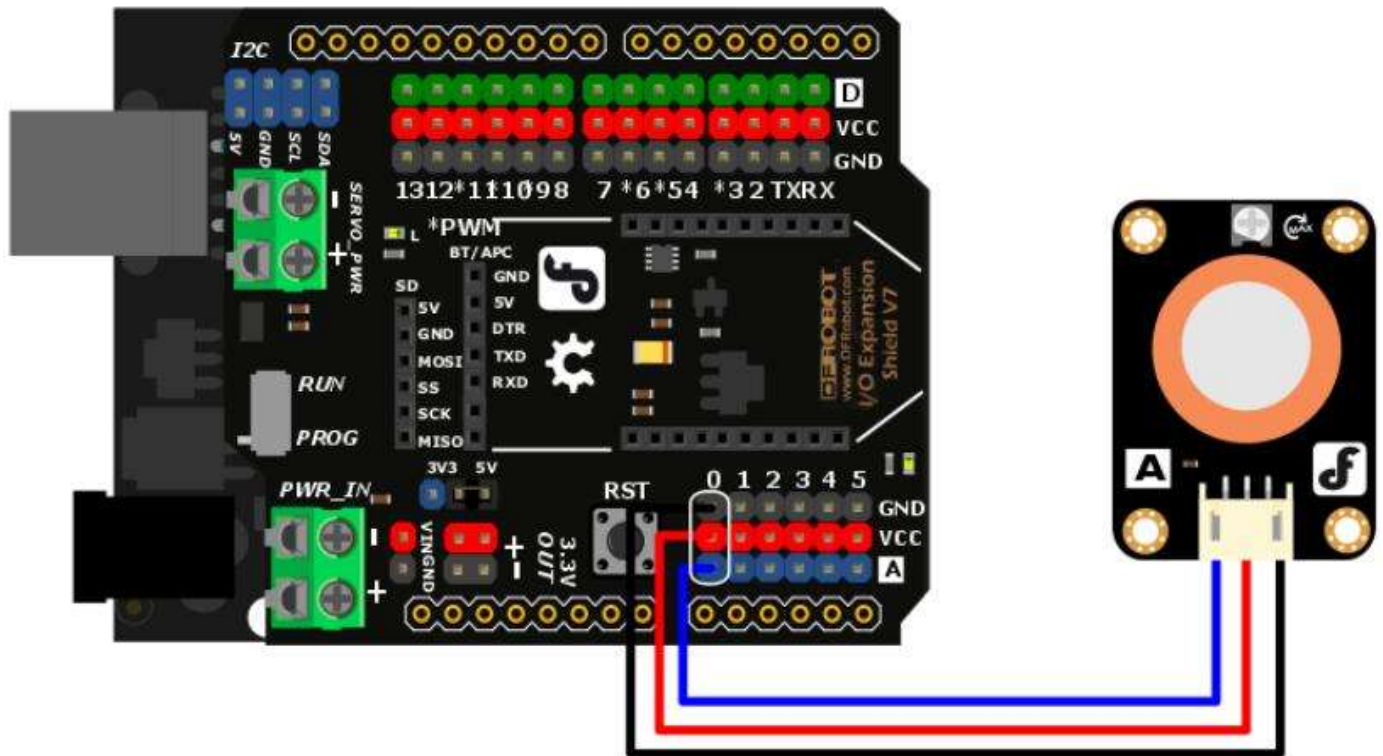
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1. Signal Output
2. Power
3. GND



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);
}

```

→ Go Shopping [Carbon Monoxide Gas Sensor\(MQ7\)\\_\(SKU:DFR0132\)](https://www.dfrobot.com/product-686.html).  
(<https://www.dfrobot.com/product-686.html>)

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