Carbon Monoxide Gas Sensor(MQ7) (SKU:SEN0132)

Contents

Introduction

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.
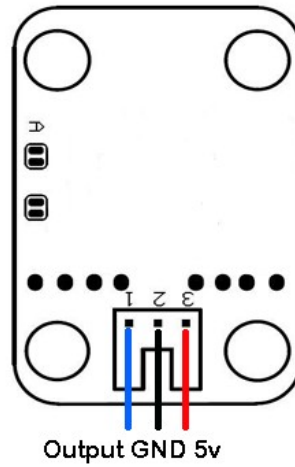
Specification

- Power supply needs: 5V
- Interface type: Analog
- Pin Definition: 1-Output 2-GND 3-VCC
- High sensitivity to carbon monoxide

- Fast response
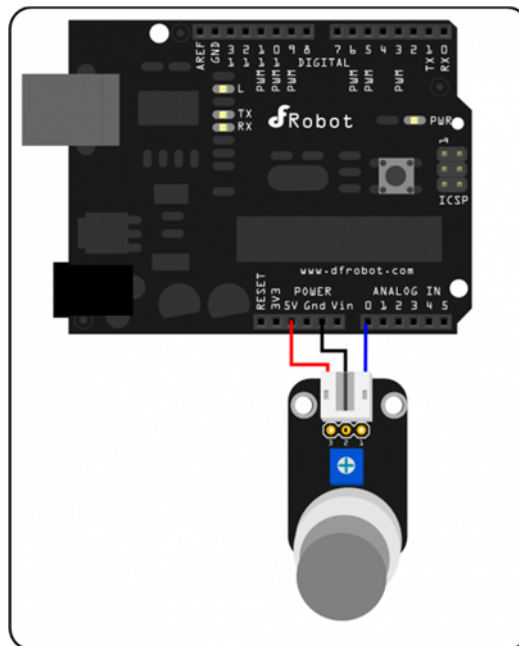- Stable and long life
- Size: 40x20mm

Pin Definition

1. Signal Output
2. GND
3. Power

Analog Sensor Pin Definition

Connection Diagram

Analog sensor 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);

}
```