

Gravity: Analog Gas Sensor (MQ2)

Overview

The analog gas sensor - MQ2 is used in gas leakage detecting equipments in consumer and industry markets, this sensor is suitable for detecting LPG, i-butane, propane, methane, alcohol, hydrogen, smoke. It has a high sensitivity and fast response time. And the sensitivity can be adjusted by the potentiometer.



Order Code

Order Code	Brand	Description
E34003-001	DFRobot	Gravity: Analog Gas Sensor (MQ2)

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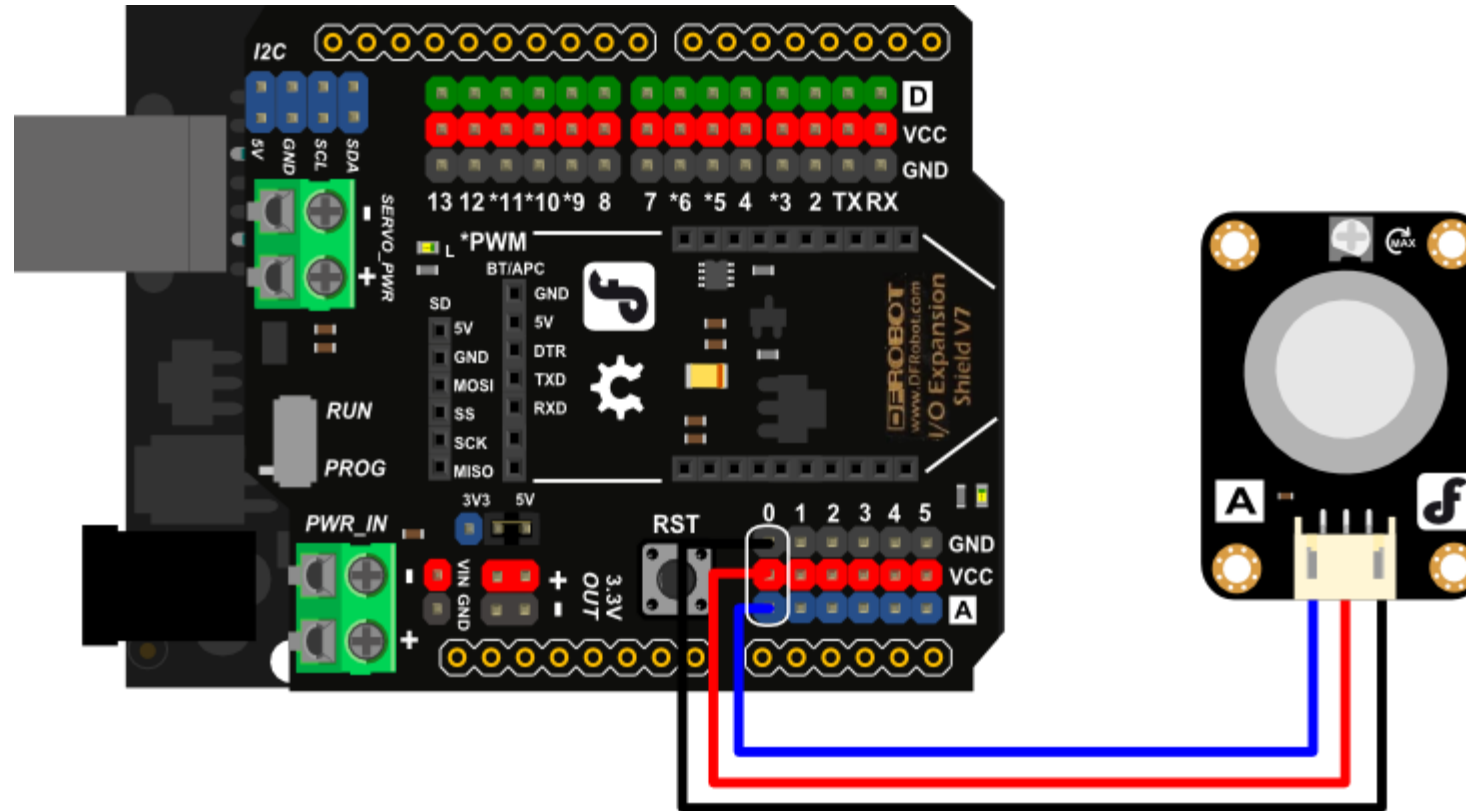


Specification

- Power supply needs: 5V
- Interface type: Analog
- Wide detecting scope
- Fast response and High sensitivity
- Simple drive circuit
- Stable and long life
- Size: 36.4x26.6mm

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Tutorial



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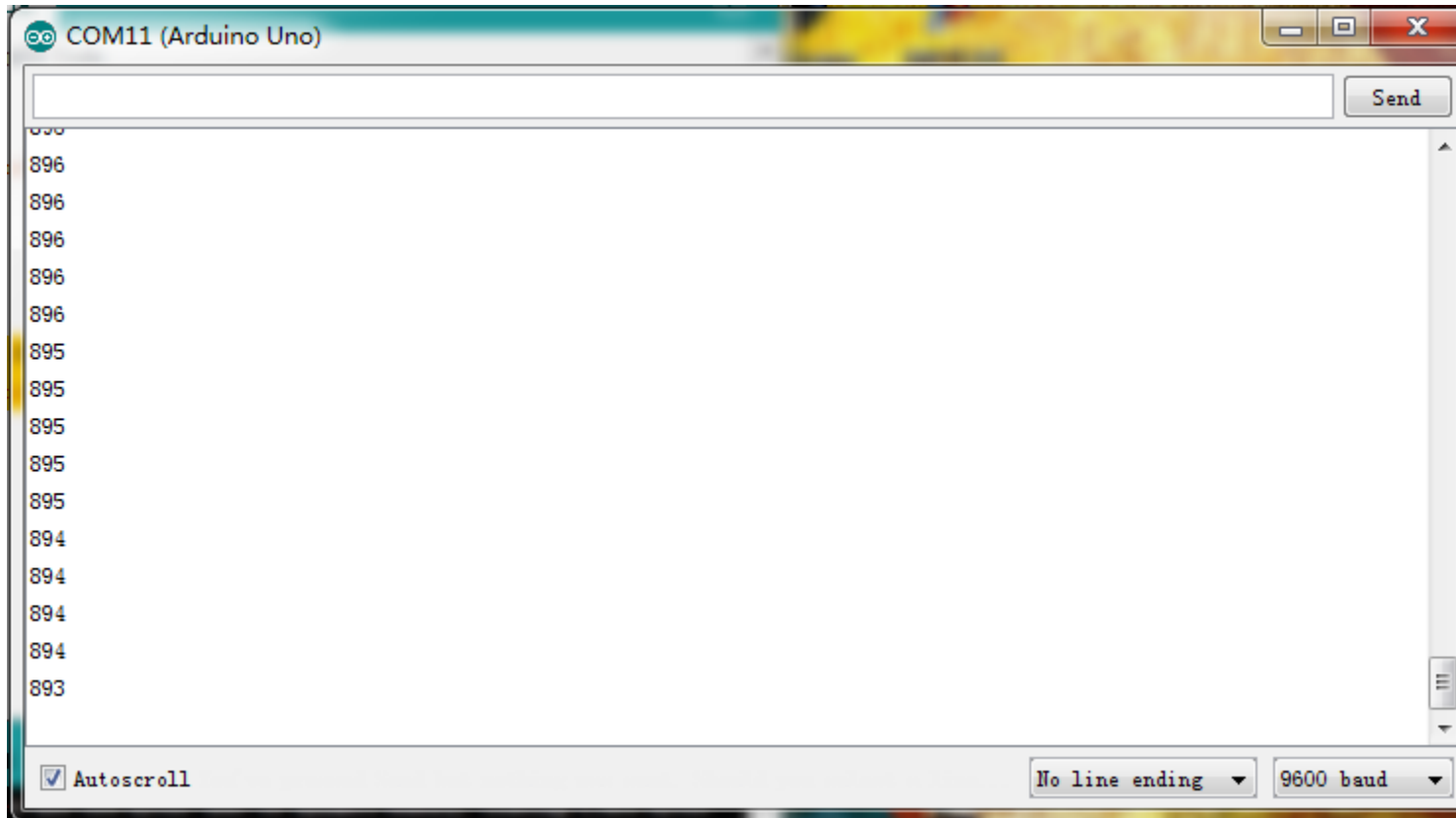
Tutorial

```
///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);
}
```

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Documents

- [MQ-2 datasheet](#)

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Revision History

Date	Revision	Change description
30/10/2025	1.0	Initial release