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Gravity: Analog CH4 Gas Sensor (MQ4) For Arduino

SKU:SEN0129



INTRODUCTION

This is an Arduino CH4 gas sensor. It uses MQ4 probe which is able to detect natural gas, CH4. It is less sensitivity in detecting alcohol, cooking fumes, and cigarette smoke.

The sensitivity can be adjusted by the potentiometer. The output is proportional to the density of gas. You can use analog reading to read the data from this sensor.

To ease the difficulty of using this sensor, a [Gravity](#) Interface is adapted to allow plug&play. The [Arduino IO expansion shield](#) is the best match for this sensor connecting to your [Arduino microcontroller](#).

Improvement List

- Standard assembling structure (Times-of-5mm Center distance between two 3mm(0.12") mounting holes)
- Easily recognitive interfaces of sensors ("A" for analog and "D" for digital)
- Icons to simply illustrate sensor function



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- High quality connector
- Immersion gold surface

SPECIFICATION

- Power supply: 5V
- Interface type: Analog
- Pin Definition: 1-Output 2-GND 3-VCC
- High sensitivity to CH₄, Natural gas
- Small sensitivity to alcohol, smoke
- Fast response
- Stable and long life
- Simple drive circuit
- Size: 40x20mm(1.57"x0.79")