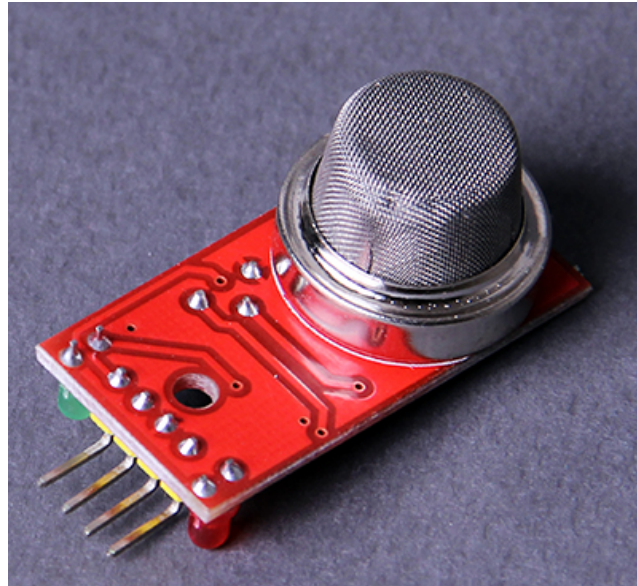


ARDUINO SENSOR GAS MQ-4



Description:

MQ-4 gas sensor sensing materials with lower conductivity in clean air tin dioxide (SnO_2). When the combustible gas sensor their environment, the conductivity of the sensor increases with the increase of the concentration of combustible gases in air. Using a simple circuit to changes in the conductivity can be converted into a corresponding output signal, and the gas concentration. MQ-4 gas sensor sensitivity to methane, propane, butane and has a good sensitivity. This sensor can detect a variety of flammable gases, especially natural gas, is a low-cost sensor suitable for a variety of applications.

Module Application:

For methane gas, natural gas and other monitoring devices in the home or factory, test gas, methane 300 to 10000ppm.

Specifications:

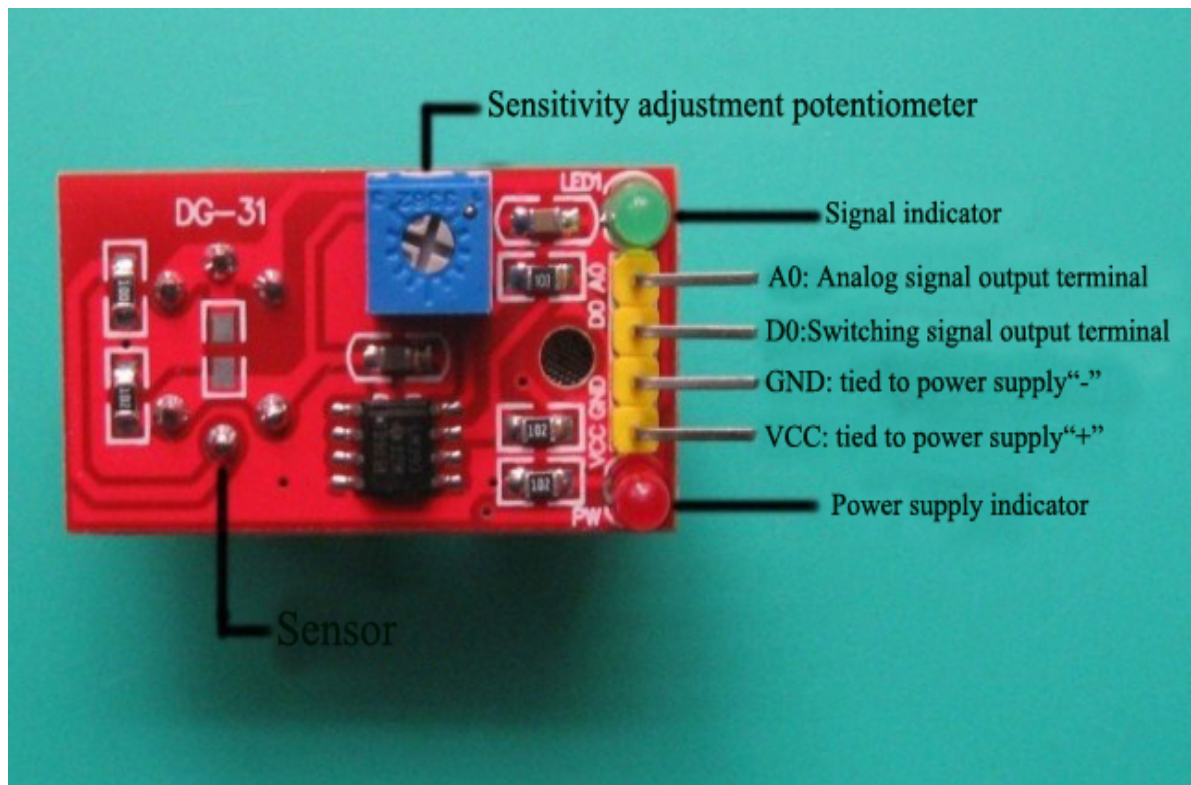
- Input voltage: the DC5V power consumption (current): 150mA
- DO output: TTL digital 0 and 1 (0.1 and 5V)
- AO output :0.1-0.3 V (relatively clean), the maximum concentration of about 4V voltage

Note:

after power is applied to the sensor, you need to warm up about 20S, the stability of the measurement data, the sensor fever is a normal phenomenon, because the internal heating wire, hot is not normal.

Features:

- 1-Using high-quality double-sided design, has a power indicator and TTL signal output instructions
- 2-With the DO switch signal (TTL) output and AO analog output
- 3-TTL output valid signal is low. (When the low output signal light can be directly connected to the microcontroller or relay module)
- 4-The analog output voltage, the higher the concentration the higher the voltage
- 5-Methane, natural gas detection better sensitivity
- 6-There is a screw hole for easy positioning
- 7-Product Dimensions: 37 (L) * 19 (W) * 20 (H)
- 8-With a long service life and reliable stability
- 9-Rapid response and recovery characteristics



Made in China