



Gas Sensor(MQ5) module is useful for gas leakage detection (in home and industry). It is suitable for detecting H₂, LPG, CH₄, CO, Alcohol. Due to its high sensitivity and fast response time, measurements can be taken as soon as possible. The sensitivity of the sensor can be adjusted by using the potentiometer.

Module Features :

Using high-quality dual-panel design, with power indicator and TTL signal

output instructions ;

The switching signal having a DO (TTL) output and analog output AO ;

TTL output valid signal is low . (Low-level signal when the output light can be directly connected to the microcontroller or relay module)

The higher the voltage , the concentration of the analog output voltage is higher.

For H₂, LPG, CH₄, CO, Alcohol has a good detection sensitivity.

There are four screw holes for easy positioning ;

Dimensions : 32 (L) * 20 (W) * 22 (H)

Rapid response and recovery characteristics

Electrical properties:

Input voltage: DC5V DC

Current Consumption: 1amp.

DO output: TTL digital 0 and 1 (0.1 and 5V)

AO output:0.1-0 .3 V (relative to pollution) , the maximum concentration of a voltage of about 4V

Special note: After the sensor is power on, it needs to be warm up around 20 seconds, measured data can be stable , sensor become warm is a normal phenomenon.

Pin Connections:

VCC: positive power supply (5V)

GND: power supply is negative

DO: TTL switching signal output

AO: analog signal output