

Propane Gas Sensor Module

Model: MQ-6



Description:

MQ-6 gas sensor is sensitive material used in clean air, low conductivity tin dioxide (SnO_2). When the sensor is present in the environment in which the combustible gas, the sensor's conductivity increases with the concentration of combustible gases in air increases. Using a simple circuit can be converted to the change in conductivity of the gas concentration with the corresponding output signal. MQ-6 gas sensor for propane, butane, liquefied petroleum gas, high sensitivity, natural gas and has a good sensitivity. The sensor can detect a variety of flammable gas, is a low-cost sensors for a variety of applications

Features:

1. Using high-quality dual-panel design, with power indicator and TTL signal output instructions;
2. with a DO switch signal (TTL) output and AO analog signal output;
3. TTL output valid signal is low. (When the output low signal light can be directly connected microcontroller or relay module)
4. 0 ~ 5V analog output voltage, the higher the concentration the higher the voltage.
5. The propane, butane, LPG, LNG has good detection sensitivity.
6. There are four screw holes for easy positioning;
7. Product Dimensions: 32 (L) * 20 (W) * 22 (H)
8. with a long service life and reliable stability
9. Rapid response and recovery characteristics

Electrical properties:

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

Special note: The sensor is powered, needs to warm up around 20S, measured data becomes stable, and the sensor fever is a normal phenomenon, because the internal heating wire, if hot is not normal.

Applications:

Suitable for domestic or industrial on LPG (liquefied petroleum gas), butane, propane, LNG (liquefied natural gas) detection devices. Excellent resistance to ethanol vapor, smoke interference.

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