Hydrogen Detection Sensor Module
Model: MQ-8

Description:

MQ-8 gas sensor sensitive material used in clean air conductivity is lower tin dioxide (SnO2). When the sensor is present in in the environment in which the combustible gas, the sensor's conductivity increases with the concentration of combustible gases on air increases. Using a simple circuit can be converted to the change in conductivity of the gas concentration with the corresponding output signal. MQ-8 hydrogen gas sensor of high sensitivity, the monitoring of the other hydrogen -containing gas is also very satisfactory. The sensor can detect a variety of hydrogen-containing gas, in particular, city 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. The analog output voltage, the higher the concentration the higher the voltage.
5. The hydrogen gas detection with better sensitivity.
6. There are four screw holes for easy positioning;
7. Size: 3.2 x 2 cm
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 hydrogen leak on a monitoring device. Are not subject to ethanol vapor, soot, carbon monoxide and other gases interference

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