

## OKY3321

**Product Name:**LM393 ZYMQ-2 MQ2 Gas Sensor Module Smoke Butane Methane Sensor For Arduino

**Product Module:** OKY3321

### **Description:**

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 )

Analog output voltage with the higher concentration of higher voltage.

A gas, natural gas, city gas, smoke better sensitivity.

There are four screw holes for easy positioning ;

Has a long life and reliable stability

Rapid response and recovery characteristics

### **Specification:**

Product dimensions: 32 x 20 x 15 (L x W x H)

Chip: LM393, ZYMQ-2 gas sensors

Working voltage: DC 5V

Detection of gas: combustible gases, fumes

Detectable concentration: 300-10000ppm (flammable gas)

### **Electrical properties:**

Input voltage: DC5V

Power consumption (current): 150mA

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

AO output: 0.1 - 0.3V (relative to pollution), the maximum concentration of a voltage of about 4V

Special note: after the sensor is powered , needs to warm up around 20S, measured data was stable , heat sensor is a normal phenomenon , because the internal heating wire , if hot is not normal

1, VCC: positive power supply (5V)

2, GND: power supply is negative

3, DO: TTL switching signal output

4, AO: analog signal output

### **Module Applications:**

Gas may be used in homes and factories leakage monitoring device suitable for the detection of gas, butane , propane ,

methane , smoke , etc.

**Package included:**

1 x MQ-2 module

