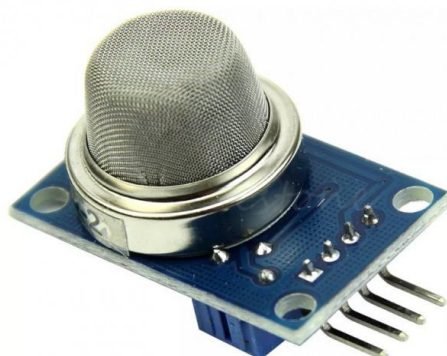


## MQ-2 Natural Gas / Smoke Sensor



The MQ series of gas sensors use a small heater inside with an electro-chemical sensor. They are sensitive for a range of gasses and are used indoors at room temperature. The output is an analog signal and can be read with an analog input of the Arduino.

The sensitivity can be adjusted by the potentiometer because this sensor has a built-in potentiometer that allows you to adjust the sensor digital output (D0) sensitivity according to how accurate you want to detect gas. The MQ-2 smoke sensor is sensitive to smoke and to the following flammable gases:

- LPG
- Butane
- Propane
- Methane
- Alcohol
- Hydrogen

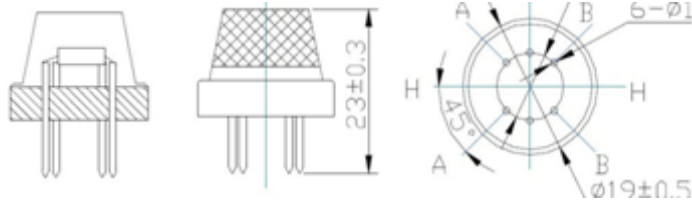
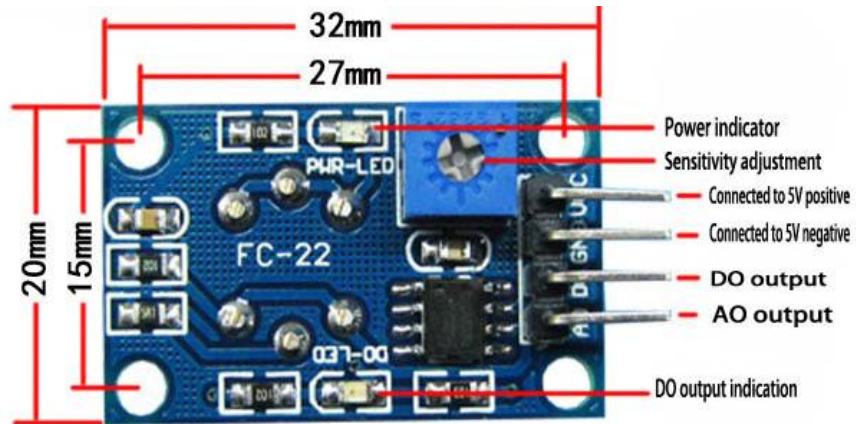
### **FEATURES:**

- Wide detecting scope
- Stable and long life
- Simple drive circuit
- Fast response and High sensitivity

### **APPLICATION:**

- Gas leakage detecting in consumer and industry.
- Suitable for detecting CH<sub>4</sub>, Natural gas, LNG, avoid exposure to alcohol, cooking fumes, and cigarette smoke.

**PINOUT and DIMENSIONS (mm):**



**SCHEMATIC DIAGRAM:**

