

Analog Gas Sensor(MQ9) SKU:SEN0134

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Introduction

MQ-9 gas sensor has high sensitivity to Carbon Monoxide, Methane and LPG. The sensor can be used to detect different gases containing CO and combustible gases, it is low cost and suitable for different applications.

Sensitive material of MQ-9 gas sensor is SnO₂, which has a lower conductivity in clean air. It makes detection by cycling high and low temperature, and detects CO when low temperature (heated by 1.5V). The sensor's conductivity is higher along with the gas concentration rising. When high temperature (heated by 5.0V), it detects Methane, Propane etc combustible gas and cleans the other gases adsorbed under low temperature.

Sample Code

```
///  
//Arduino Sample Code  
void setup()  
{  
  Serial.begin(9600); //Set serial baud rate to 9600 bps  
}  
void loop()  
{  
  int val;  
  val=analogRead(0); //Read Gas value from analog 0  
  Serial.println(val,DEC); //Print the value to serial port  
  delay(100);  
}
```