



# keyestudio



## Ks0045 keyestudio MQ-7 Carbon Monoxide Gas Sensor

### Introduction:

The gas sensitive material used in MQ-7 gas sensor is  $\text{SnO}_2$ , which is of lower electrical conductivity in clean air.

It detects carbon monoxide with low temperature (heated by 1.5V) through high-low temperature cycles.

The electrical conductivity of the sensor increases with the increase of the carbon monoxide concentration in the air. The change of electrical conductivity can be converted to the output signal corresponding to that of the gas concentration by using a simple circuit.

### Specification:

Operating voltage: 5V

Output signal: Analog

Wide detecting scope

Quick response and High sensitivity



More info at KEYESTUDIO

[https://wiki.keyestudio.com/Ks0045\\_keyestudio\\_MQ-7\\_Carbon\\_Monoxide\\_Gas\\_Sensor](https://wiki.keyestudio.com/Ks0045_keyestudio_MQ-7_Carbon_Monoxide_Gas_Sensor)

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