

# NDIR Gas sensor and modules MH-Z12

## Brief Introduction:

MH-Z12 is a general, mini sensor, which adopts NDIR theory to measure concentration of CO<sub>2</sub> in air, it has good selectivity and long life. Temperature sensor inside could be for temperature compensation, it has both digital output and Analog voltage output.

Widely used for HVAC, indoor and outdoor air quality control, industrial, agriculture and animal husbandry.



## Technical Data:

Detection gas	CO <sub>2</sub>
Measurement range	0-5000ppm (Optional)
Resolution	5ppm(0-2000ppm) 10ppm(2000-5000ppm)
Accuracy	+/-50ppm
Repeatability	+/-30ppm
Response time	< 30s
Preheating time	3 min
Working voltage	4-6V
Working current	Max. 100mA, average less than 60mA
Working environment	Tem.: 0-60°C
	Hum.: 0%-90%RH (No Dew)
Storage environment	Tem.: -20-60°C
Lifetime	>5 year

Dimension:

