

## NDIR Gas sensor and modules MH-Z92

### Brief Introduction:

MH-Z92 is a general and built-in sampling sensor, which adopts NDIR theory to measure concentration of CO<sub>2</sub> and CH<sub>4</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 biogas, industrial and safety monitoring.



### Technical Data:

Detected Gas	CO <sub>2</sub> and CH <sub>4</sub>
Sampling method	Pump
Detection range	0-100%vol CH <sub>4</sub> 0-50%vol CO <sub>2</sub>
Error	$\leq \pm 2\%$ F.S
Response time	T <sub>90</sub> < 10s
Working Temperature	0°C -50°C
Working Humidity	0-95%RH (No Dew)
Working voltage	3.5V-5.5V
Working current	Average 50mA, Max. 100mA
Lifetime	>5 years
Dimension	LXbXh, 83X51X18mm