

## CMM5042 Carbon Monoxide Sensor Module

### characteristic : \_\_\_\_\_

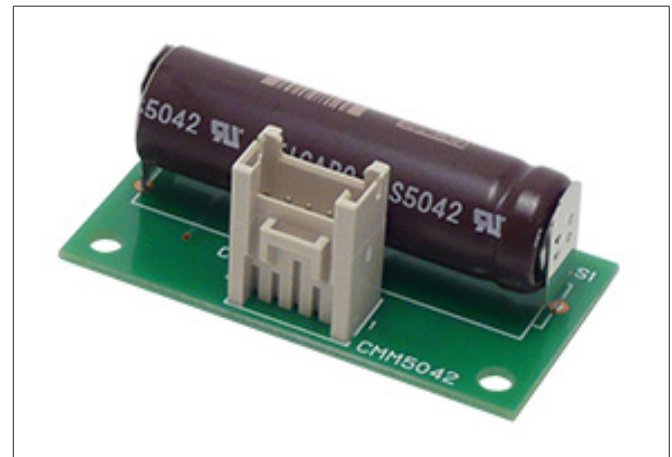
- \* Easy to assemble into the device
- \* The voltage output is proportional to the gas concentration
- \* maintenance-free
- \* Use batteries as power sources

### apply : \_\_\_\_\_

- :: Household carbon monoxide alarm
- Commercial carbon monoxide alarm
- \* Automatic control of ventilation fan
- \* Carbon monoxide monitoring of gas boilers and liquefied petroleum gas heaters, etc

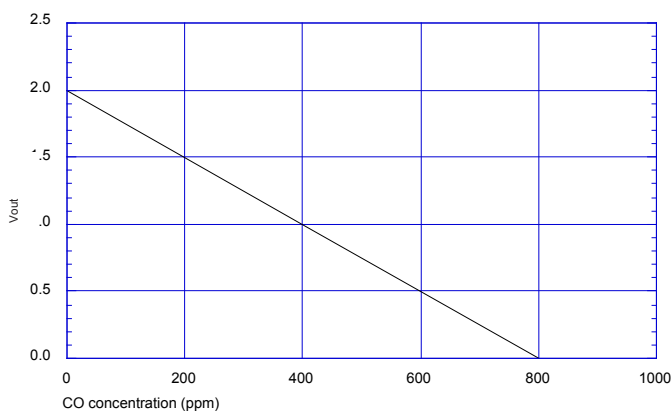
This innovative modular carbon monoxide sensor module addresses technical challenges in gas sensors, including flexible application and independent sensitivity adjustment. Designed for rapid development of carbon monoxide alarms within short timeframes, it delivers exceptional durability and long-term stability. The core component is our proprietary TGS5042 electrochemical carbon monoxide sensor, which has been widely adopted in both household and commercial alarm systems.

The CMM5042 sensor module is configured to provide an analog voltage output proportional to carbon monoxide gas concentration and self-diagnostic capabilities. This sensor module can be plugged in directly, making the development of carbon monoxide alarms extremely simple and easy.



### output characteristic :

The representative output characteristics are shown in the figure below. The vertical axis shows the output voltage.



### Pin setting:

Pin number	name	function
1	GND	landing
2	TEST	Input of self-diagnostic control signals
3	Vconc	Voltage output (carbon monoxide concentration signal)
4	-	( connection-less )
5	Vin	input voltage

(Plug model: BH05B-XMSK)

Recommended corresponding plug: XMP-05V (made by JST)