

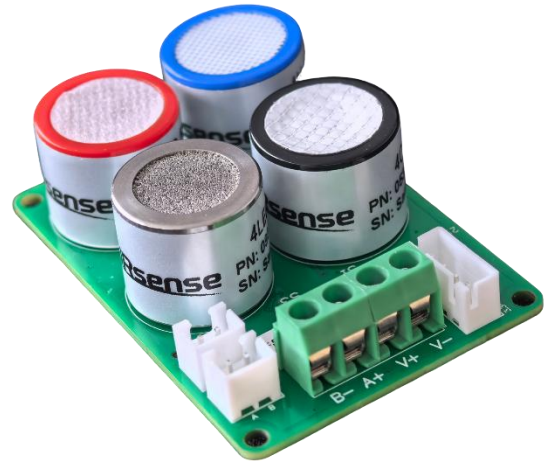


Pre-calibrated AG-4 module

----Alphasense A series 4 In One Sensors Module

Features

- ✓ good consistency, strong stability
- ✓ Small size, light weight
- ✓ Digital outputs: RS485
- ✓ pre-calibrated before leaving the factory



Product Description

The 4-in-One module uses Alphasense A-series electrochemical sensors for reliable industrial gas detection. Its compact size and lightweight design make it suitable for various confined spaces. The module outputs RS485 signals, allowing easy integration with fixed and portable instruments for online monitoring. Additionally, it can be adapted for use with robots, drones, and other equipment, enabling gas detection in various systems.

Technical Specification

Item	Specification
Model Number	AG-4-4INO-XXX
Target Gases (AG-4-4INO-001)	combustible gas, carbon monoxide, hydrogen sulfide, and oxygen
Sensing Principle	Electrochemical
Detection Range	See corresponding sensor spec
Resolution	See corresponding sensor spec
Measurement Error	< ±3% FS
Operating Voltage	12 – 24V DC
Operating Current	≤ 500uA@5V
Output Signal	RS485 or TTL
Temperature Range	-20 - 55°C
Humidity Range	0% - 95%RH
Pressure Range	1 ± 0.1 atm
Storage Temperature	10 - 20°C (Recommend)
Size	L*W*H= 66*46*22.25mm
Expected Life	See corresponding sensor spec

Part Number

4 In One Sensors Module				
Part Number	SN1 & SN2	SN3	SN4	Typical Applications
AG-4-4INO-00X	CO or SO2 or H2S	O2	LEL ¹	Industrial safety (mines, refineries)
AG-4-4INO-01X	CO or SO2 or H2S	NO	NO2	
AG-4-4INO-02X	CO or SO2 or H2S	CL2	NO2	Chemical leak detection
AG-4-4INO-03X	CO or SO2 or H2S	NH3	PID	
AG-4-4INO-04X	SO2 + H2S	CL2	NH3	
AG-4-4INO-012	O2 + SO2	NO	NO2	Flue Gas & Emissions Monitoring

Alphasense sensors sensor delivers RoHS-compliant, good consistency, and strong stability;

