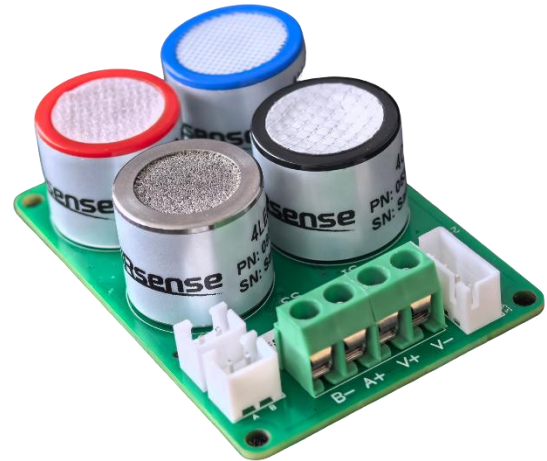


Pre-calibrated AG-4 module

----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

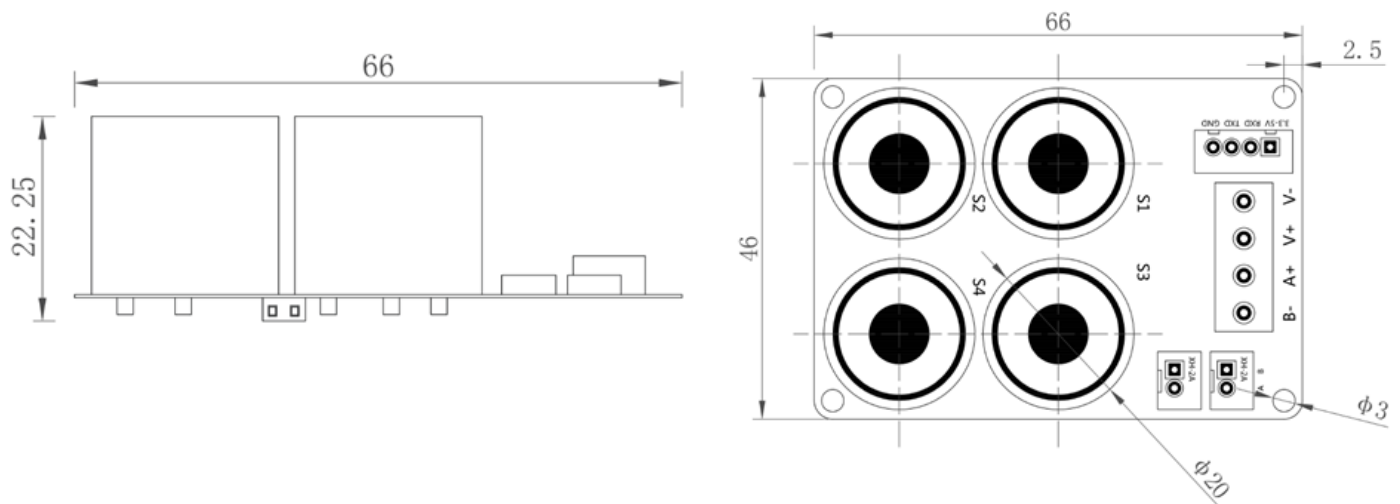
| Item | Specification |
|---------------------------------|--|
| Model Number | AG-4-4INO-XXX |
| Target Gases (AG-4-4INO-001) | combustible gas, carbon monoxide, hydrogen sulfide, and oxygen |
| Sensing Principle | Electrochemical |
| Detection Range | See corresponding sensor spec |
| Resolution | 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 |

深圳市新世联科技有限公司

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;



深圳市新世联科技有限公司