



GASLAB FIXED AMMONIA GAS DETECTOR

Your Trusted Digital Gas Safety Sensing Solution

The Gaslab Fixed Multi-Gas Detector is designed to protect individuals near toxic, combustible, and hazardous gases, or oxygen in commercial and industrial applications. This fixed gas safety monitor measures NH₃ levels and detects hazards in order to protect facilities from overexposure.

Features

- Modular easy-to-use design
- 1-3 gas sensor capabilities
- 2 sensors max may be different sensors of the SC2 series, max 3 of them analog with 4-20 mA signal
- Custom configuration dependent upon application
- Warning buzzer/LED alarm, fault + operation option
- Easy maintenance and calibration procedures
- Compatible with a wide range of BMS
- 3 configurable relays
- Protocol for DGC-06 or Modbus protocol
- Operating voltage input 100-240 VAC or 24VDC

Options

- **SC2-E1110-A-P-00** | CO Digital Sensor for MSC2
- **SC2-E1130-B-P-00** | NO₂ Digital Sensor for MSC2
- **SC2-E1194-A-P-00** | H₂ Digital Sensor for MSC2
- **SC2-E1195-A2-P-00** | O₂ Digital Sensor for MSC2
- **SC2-I464-B-P-00** | CO₂ Digital Sensor for MSC2
- **MSC2-E-73032020C** | Gaslab Fixed Multi- Gas Detector - w/ out visual and audible
- **MSC2-E-73432020C** | Gaslab Fixed Multi- Gas Detector - w/ out visual and audible

Ammonia



Medicine



Petrochemical
Industry



Research



Laboratories



& More...

TECHNICAL DATA

GASLAB FIXED COMBUSTIBLE AMMONIA (NH₃) DETECTOR

Measurement Range	0-100ppm
Gas Type	Ammonia
Housing Type C/E	Polycarbonate
Installation	Wall Mounted
Knockouts for Cable Entry	Standard 6x M20/25
Ingress Protection	IP65
Temperature Range	-13°F to 140°F (-30°C to 50°C)
Humidity Range	15-90% RH non-condensing
Storage Temperature	-4°F to 149°F (0° to 20°C)
Electrical	
Power Supply	100-240 VAC or 24VDC
Power Consumption	24 V DC Max. 60 mA (1.5 VA), w/o sensor, w/o WAO
Alarm Relay (3)	5 A Dry Contact Configurable
Transistor Output (2)	24 V DC/0.1 A
Analog Input (2/3)	4–20 mA, overload and short-circuit proof, input resistance 130
Analog Output Signal (1)	Proportional, overload and short-circuit proof, load ≤ 500 4–20 mA = measuring range 2.4–< 4 mA = tolerable under range 20–21.2 mA = tolerable over range ≥ 21,2 mA= error over range ≤ 2,0 mA = fault
Dimensions	5.12 x 5.12 x 2.95 in. (130 x 130 x 75 mm)
Weight	1.32 lbs (0.6 kg)





Looking for Additional Gas Ranges?

We offer the following:

- 0-300 ppm
- 0-1,000ppm
- 0-500ppm
- 0-5,000ppm

[Contact Us](#)

Call 1.877.678.4259
Email Sales@CO2Meter.com | Support@CO2Meter.com
Web CO2Meter.com



Conformities

- EN 50271, EN 50270 Type I
- IEC/EN 61508-1-3
- EN 45544, EN 14624 EN 61010-1:2010
- EMC Directives 2014/30/EU
- Low Voltage Directive 2014/35/EU
- CE, UKCA
- EN 50271, EN 50270 Type I, IEC/EN 61508-1-3
- EN62990-1, EN 14624, EN 60335, EN 378
- ANSI/UL 61010-1, CAN/CSA-C22.2 No. 61010-1

