



GASLAB FIXED COMBUSTIBLE NITROGEN DIOXIDE DETECTOR (0-100PPM NO₂)

Your Trusted Digital Gas Safety Sensing Solution

The Gaslab Fixed Combustible Nitrogen Detector is designed for continuous monitoring of toxic gases and vapors in hazardous areas of zones 1 and 2. This detector is an explosion-proof fixed NO₂ gas detector, which measures between 0 - 100ppm.

Features

- Modular industrial design, protection class IP66
- Ex db: Ignition protection for zone 1 and 2
- Ex nR: Ignition protection for zone 2
- Fast and Precise Gas Measurements
- Compatible across a broad range of BMS
- Device can be used independent of control systems
- Individual configuration options available
- Robust against dust, humidity, and high/low temperatures

Options

- [MSC2-C-53432320A](#) | Gaslab Fixed Multi-Gas Detector

Nitrogen



Medicine



Research



Laboratories



& More...

TECHNICAL DATA

GASLAB FIXED COMBUSTIBLE NITRGOEN (NO₂) DETECTOR

Measurement Range	0-100ppm
Gas Type	Nitrogen
Admissible Range for Calibration Gain Test Gas	30-90% of test gas
Temperature Range	-30 to 50°C
Storage Temperature Range	0-20°C
Display Resolution	0.1ppm
Humidity Range	15-90 %RH
Pressure Range	80-120 kPa
Reaction Time	≤ 10 sec
Run-in time	24 h
Flow Rate	500 ml/min
Warm-up Time	300 Sec.
Response Time	≤ 200 Sec.
Life-time	>2 Years

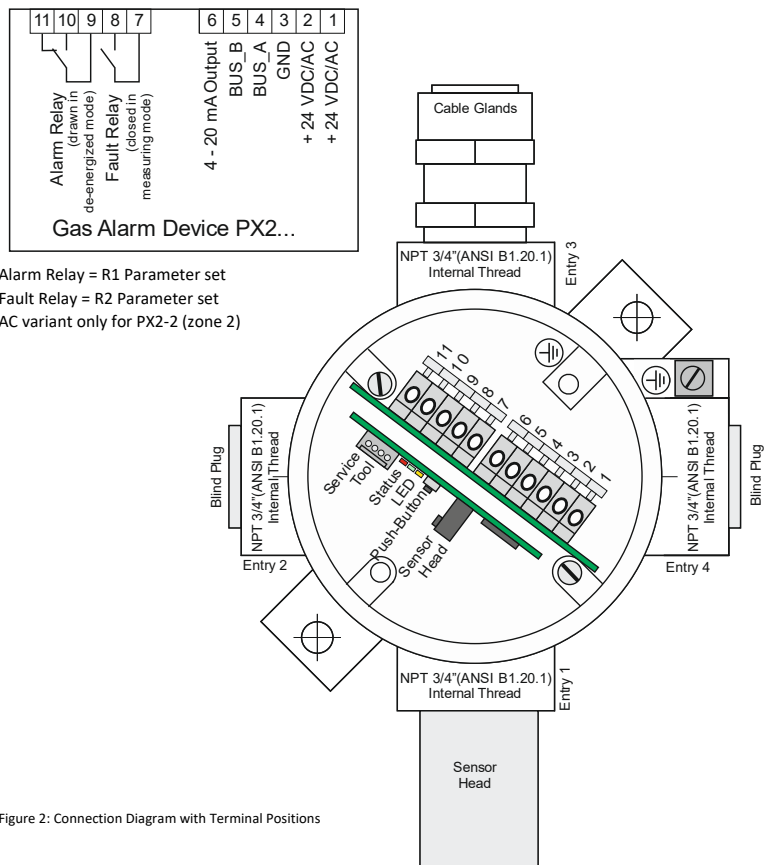
Call 1.877.678.4259

Email Sales@CO2Meter.com | Support@CO2Meter.com

Web CO2Meter.com



5.2 Connection diagram



Alarm Relay = R1 Parameter set
 Fault Relay = R2 Parameter set
 AC variant only for PX2-2 (zone 2)



Figure 2: Connection Diagram with Terminal Positions

**Looking for Additional Gas Ranges?
 We offer the following:**

- 0-300 ppm
- 0-1,000ppm
- 0-550ppm
- 0-5,000ppm

Contact Us

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Conformities

- ATEX and IECEx certificates MSR-Electronic GmbH for electrical Ex protection
- SIL2 safety functions 4–20 mA, RS-485 and relay
- PX2-1 for zone 1 (and also suitable for zone 2):
- Type “Ex db” protection flame-proof enclosure
- PX2-2 for zone 2
- Type “Ex nR” protection
- Enclosure: Additional FM and CSA certificates for Class I, Div. 1

