



Standalone Dual-Zone Gas Detector and Ventilation Controller



Comprehensive Monitoring

- Detects CO and/or NO₂

Greater Coverage

- Monitors up to 4 Sensors and 36,000 sq. ft.

More Control

- User-Adjustable Setpoints, Delays, Outputs, and Relays
- Built-in Manual Fan Activation

Enhanced Durability

- Rainproof Water Resistance
- Simple Service and Maintenance

Simplified Installation

- Preconfigured Wiring
- Factory Calibration
- Customized Programming

Effortless Upgrade

- Works with New and Existing Building Controls Systems
- Fully Backwards Compatible with GSE Generation 1

Models

Voltage	Base Station with Local Sensors			
	CO	NO ₂	CO/NO ₂	Base Station Only
24 VAC	GSE2-CM-24	GSE2-ND-24	GSE2-NCM-24	GSE2-24
120 VAC	GSE2-CM-120	GSE2-ND-120	GSE2-NCM-120	GSE2-120

Voltage	Remote Sensors for Use with Base Station		
	CO	NO ₂	CO/NO ₂
24 VAC	GSE2-CM-Remote	GSE2-ND-Remote	GSE2-NCM-Remote



GSE Generation 2 Detailed Specifications

Input/Output	
Input Power	120 VAC, 50/60 Hz, 0.2A 24 VAC, 50/60 Hz, 1.0 A
Power Consumption	24 VA
Control Relays	6 relays, 5A @ 125 VAC / 250 VA
Analog Outputs	User-selectable 4-20 mA, 0.2-1 VDC, 1-5 VDC, or 2-10 VDC
Environmental	
Storage Temperature	-50°C to 120°C (-58°F to 248°F)
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Humidity	10% to 90% (non-condensing)
Interface	
Display	4-digit numeric, red
Front Panel Indicators	10 LEDs, Power (green), Sensors 1-4 (yellow), Zones 1-2 (yellow), Alert 1-2 (red), Alarm (red)
Alarm	106 dB @ 10 cm, 3.8 kHz piezoelectric element
General	
Sensor Lifespan	Up to 10 years, end-of-life notification
Sensor Calibration	Recommended recalibration every 2 years
Sensor Capacity	Up to 4 sensors, maximum of 2 locally mounted sensors
Dimensions	8.15" W x 9.93" H x 2.70" D (21 cm W x 25 cm H x 7 cm D)
Weight	5.5 lbs (2.49 kg)
Housing	Gray, NEMA 3R, polycarbonate plastic
Compliance	
Performance	ANSI/ISA 92.00.01-2010 (R2015)
Electromagnetic Interference	EN 50270, FCC Part 15 Subpart B
Environmental	RoHS