GSE-xx-TRNS

REMOTE TRANSMITTER

Key Features
- Microprocessor Controlled
- Electrochemical Sensor
- Factory Calibrated
- Static Discharge Protection
- Low Voltage Wiring
- Power Loss Fail-Safe
- Corrosion Resistant Enclosure
- 4-20 mA Output
- Works with Brasch GSE Standalone Detectors, DDCS, or BMS
- ETL Listed

Save Time. Save Money. Save Lives.

GSE-xx-TRNS remote transmitters are available in models to monitor levels of carbon monoxide (CO), nitrogen dioxide (NO_2), or oxygen (O_2). A 4-20 mA proportional output signal can be sent from the transmitter to a Brasch GSE Standalone Detector, Direct Digital Control System (DDCS), or Building Management System (BMS) to actuate ventilation equipment.

Brasch gas transmitters use both analog and digital components to meet the ever-growing demand for reliable detection of potentially dangerous gases. Units continuously monitor the ambient concentration of the target gas and a linear signal representing the concentration of gas is sent to the ventilation controller and used to operate the ventilating equipment.

GSE-xx-TRNS transmitters are flexible and designed to fit with most new and existing systems. For more information on the Brasch GSE Standalone Detector, please see the Standalone Detectors specifications sheets. For remote transmitters that work with the Brasch Multi-Zone Control Panel, please see the GSE-xx-TRA specifications sheet.
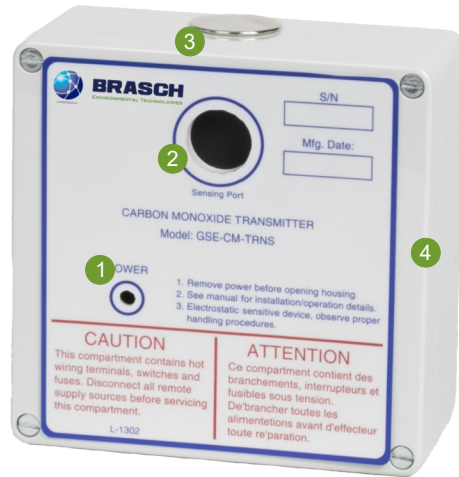
Typical Applications
- Commercial Parking Garages
- Condominium and Apartment Garages
- Tunnels
- Car and Bus Maintenance Garages
- Warehouses and Factories

Benefits
- Low Power
- Easy Installation
- Multiple Applications
- 2-year Sensor Life

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1) Green LED Power On Indicator
2) Electrochemical sensor for high accuracy and long lifespan
3) External power leads for easy installation and maintenance
4) Corrosion-resistant, polycarbonate NEMA 1 enclosure

Model #	Detected Gas
GSE-CM-TRNS	CO
GSE-ND-TRNS	NO_2
GSE-OX-TRNS	O_2

Specifications

Input Power
±25 VDC Input Voltage,
0.200 Amps

24 VAC Input Voltage,
50/60 Hz, 0.200 Amps

Installation Category
II (local level, over-voltage transients < 500 V)

Operating Temperature
Storage:
-50°C to 120°C (-58°F to 248°F)
Operating:
-15°C to 40°C (5°F to 104°F)

Humidity
10% to 90% (non-condensing)

Ventilation Control Relays
Supplied through Brasch GSE Standalone Detectors, DDCS, or BMS

Internal Alarm
Supplied through Brasch GSE Standalone Detectors, DDCS, or BMS

Front Panel Indicators
Power (Green LED)

Dimensions
4.80" x 4.72" x 2.16" (W x H x D)
12.2 cm x 12.0 cm x 5.5 cm (W x H x D)

Weight
1 lbs (0.5 kg)

Housing
Gray, NEMA 1, polycarbonate plastic

Agency Acceptance
ETL listed to UL 61010B-1
CSA C22.2 No. 1010.1