



# Analog/Digital Gas Transmitter for Building Management Systems



## Comprehensive Monitoring

- Detects CO and/or NO<sub>2</sub>

## Excellent Coverage

- Monitors up to 9,000 sq. ft.

## Enhanced Durability

- Rainproof Water Resistance
- Simple Service and Maintenance

## Simplified Installation

- Preconfigured Installation
- Factory Calibration
- Customized Programming

## Versatile Communication

- Analog Output via User-Selectable Current or Voltage Loop
- Digital Output via Modbus RTU Communication Protocol

## Effortless Upgrade

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

## Models

Output Type	CO	NO <sub>2</sub>	CO/NO <sub>2</sub>
Analog	TRNS2-CM-Analog	TRNS2-ND-Analog	TRNS2-NCM-Analog
Digital	TRNS2-CM-Digital	TRNS2-ND-Digital	TRNS2-NCM-Digital



## TRNS Generation 2 Detailed Specifications

Input/Output	
Input Power (Single)	24 VAC, 50/60 Hz, 0.1 A
Input Power (Single)	24 VAC, 50/60 Hz, 0.2 A
Power Consumption (Single)	2.4 VA
Power Consumption (Dual)	4.8 VA
Analog Output	User-selectable 4-20 mA, 0.2-1 VDC, 1-5 VDC, or 2-10 VDC
Digital Communication	Modbus RTU
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	
Front Panel Indicators	2 LEDs, Power (green), Fault (yellow)
General	
Sensor Lifespan	Up to 10 years, end-of-life notification
Sensor Calibration	Recommended recalibration every 2 years
Dimensions (Single)	4.8" W x 4.72" H x 2.16" D (12.2 cm W x 12 cm H x 5.5 cm D)
Dimensions (Dual)	4.8" W x 9.44" H x 2.16" D (12.2 cm W x 24 cm H x 5.5 cm D)
Weight (Single)	1 lb (0.5 kg)
Weight (Dual)	2 lb (1 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