



Carbon Monoxide Transmitter

TXCO-50



TXCO-50 shown smaller than actual size.



Gas manufacturing site.

- ✓ Compact
- ✓ Inexpensive
- ✓ Long Operating Life
- ✓ NEMA 4 (IP65) Enclosure
- ✓ Reverse Voltage Protection
- ✓ Temperature Compensation
- ✓ Loop Powered

Applications

- ✓ CO from Air, Oxygen and Nitrogen Generators
- ✓ Gas Manufacturers—Filling Stations
- ✓ Heat Treating and Bright Annealing
- ✓ Medical Breathing Devices

The TXCO-50 is a simple, accurate and very economical way to measure CO in the 0 to 50 ppm levels. For special ranges please consult OMEGA.

The TXCO-50 sensor uses a special electro chemical cell to measure the CO concentration. The sensor meets the industrial requirements for accuracy, sensitivity and ease of use.

The transmitter comes fully calibrated and requires no calibration for two years. After two years the TXCO-50 can be calibrated with a CO gas. Typical sensor life is up to 5000 ppm hrs.

Specifications

Measuring Range: 0 to 50 ppm CO

Special Ranges: Consult OMEGA

Calibration: Using a known CO calibration gas that is NIST traceable

Accuracy:

±2% FSD T = constant

±5% FSD 0>T>50°C (122°F)

Response Time: 90% FSD at 20°C (68°F) < 30 sec 90%

Operating Temperature: 0 to 50°C (32 to 122°F)

Warm Up Time: 2 minutes

Pressure: 0.1 to 1 bar

Signal Output: 4 to 20 mA/DC loop power

Voltage: 24 Vdc

Load: Type 470 Ω at 18 Vdc maximum 700 Ω

Housing: NEMA 4 (IP65)

Dimensions: 80 L x 75 W x 55 mm D (3.15 x 2.95 x 2.16")

Enclosure: Painted aluminum

Connection: ¼" tubing

Weight: 1.0 kg (2.2 lb)

To Order

Model No.	Description
TXCO-50	Loop powered carbon monoxide transmitter, fully calibrated

Comes complete with operator's manual.

Accessory

Model No.	Description
DP32PT-330	1/32 DIN meter with 2 alarm relays