

CO Tracer

4 – 20 mA 2 wire loop powered CO Transmitter

The Model COTracer is simple, accurate and very economic measurement of CO in the ppm levels.

One User specific measuring range

Typical range is 0-50 ppm. For special ranges please consult factory

Sensor

The CO Tracer uses a special electro chemical cell to measure the CO concentration. The sensor meets the industrial requirements for accuracy, sensitivity, easy to use and has a long operating life.

Calibration

The sensor comes fully calibrated and requires no calibration for two years. After that period it can be calibrated on a calibration gas. The sensor life is good to 5000ppm hrs.

Features

- compact
- inexpensive
- Sensor with long operating life
- IP65 enclosure
- reverse voltage protection and temperature compensation



- The flow will be done through the enclosure
- Corrosive gases are not recommend with this measurement



Specification

Measuring range
between: 0 - 50 ppm CO
Special ranges: consult factory

Calibration	: using a known CO calibration gas that is NIST traceable
Accuracy	: +/- 2% FSD T= const. +/- 5% FSD 0>T>50°C
Response time	: 90 % FSD at 20°C < 30 sec 90%
Operating Temperature	: 0 - 50°C
Warm up time	: 2 minutes
Pressure	: 0.1 - 1 bar
Signal output	: 4 -20 mA / DC loop power
Voltage	: 24Vdc
Load	: typ. 470 Ohm at 18Vdc max. 700 Ohm
Display	: no Display
Housing	: IP65
Size	: 80 x 75 x 55 (B x H x T (mm))
Enclosure	: aluminum
Connection	: ¼" tubing
Weight	: 2.2 lbs (1.0 kg)

Applications are found in

- Air-, oxygen- and nitrogen generators
- Gas manufacturers – filling stations
- heat treating and bright annealing
- medical breathing

