

O2Tracer

4 – 20 mA Loop Powered two wire
Oxygen Transmitter

Two Wire Process Oxygenanalyzer

The Model O2Tracer is simple, accurate and very economic measurement of Oxygen at trace and % levels.

☺ One User specific measuring range

The unit will offer with different ranges between 100 -10000 ppm and 0 – 100% of oxygen.

☺ Sensor

The O2Tracer uses a special fuel cell to measure the oxygen concentration. The sensor meets the industrial requirements for accuracy, sensitivity, easy to use and operating life.

☺ Calibration

The calibration of the instrument for trace oxygen measurements in gas, should be done with a calibration gas. The concentration can be chosen freely within the measuring range. In the percent range the unit can calibrated with air.

☺ Features

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



- The flow will be done trough the electronic enclosure
- A measuring of corrosive gases is not recommend with this measurement

Specification

Measuring ranges	all ranges between : 100 - 10000 ppm O ₂ 100 ppm is low limit and 0 – 100 % O ₂ possible Ranges: 0-5%, 0-25%
Calibration	: with calibration gas(ppm) or air
Accuracy	: +/- 2% FSD T= konst. +/- 5% FSD 0>T>50°C (ppm)
Response time	: 90 % FSD at 25°C 100 - 10000 ppm < 45 s 0-5 ppm < 20 s 0 – 100 % < 10 s
Operating Temperature	: 0 - 50°C
Pressure	: 0,1 - 1 bar
Signal output	: 4 -20 mA / DC
Alarm value	: 22,8 mA (Standard) or 3,4 mA (if desired)
Voltage	: 10 – 35 VDC reverse voltage protection up to 40VDC
load	: typ. 470 Ohm, max. 750 Ohm
Display	: no Display
oxygen sensor	: Micro-Fuel Cell,
housing	: IP65
Size	: 80 x 75 x 55 (B x H x T)
Enclosure	: aluminium
Connection	: 6 mm or ¼" tubing
Weight	: 0,3 kg

Typical

- different sensors available
- different Measuring ranges available

Applications are found in

- Air-, oxygen- and nitrogen generators
- Gas manufacturers – filling stations
- heat treating and bright annealing
- e.t.c.

Remark; we have the right to revise specifications and product configurations without notice