

O2Tracer

**4 – 20 mA Loop Powered two wire
Oxygen Transmitter**

Two Wire Process Oxygen analyzer

The Model O2Tracer is simple to use, accurate and very economical when measuring Oxygen at % levels.

- **One User specific measuring range** the unit will offer with different ranges between 0 – 100% of oxygen. Typical range is 0-25%
- **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 be calibrated with air.

- **Features**

- compact
- inexpensive
- IP65 enclosure
- reverse voltage protection and temperature compensation



- The flow will be done through the electronic enclosure

Specification

Measuring
ranges
offered:

0-5%, 0-25%
0 – 100 % O₂

Calibration : with calibration gas or
Ambient air

Accuracy : +/- 2% FSD T= const.
+/- 5% FSD 0>T>50°C

Response time : 90 % FSD at 25°C
0 – 100% < 10 s

Operating
Temperature : 0 - 50°C

Pressure : 0.1 - 1 bar

Signal output : 4 -20 mA / DC

Voltage : 10 – 35 VDC
reverse voltage protection
up to 40VDC

load : typ. 1000
Ohm, max. at
28Vdc
-max 250 ohms
at 10Vdc

Display : no Display

oxygen sensor : Micro-Fuel Cell,

housing : IP65

Size : 3.15 x 3 x 2.17 (B x H x T (mm))

Enclosure : aluminum

Connection : ¼" tubing

Weight : 0.6 lb.

Applications are found in

- Air-, oxygen- and nitrogen generators
- Gas manufacturers – filling stations

For Ordering:

Ordering Number	Range
O2T-1	0-10%
O2T-2	0-25%
O2T-3	0-100%

