



O2Tracer-DIS-R

4 – 20 mA Loop Powered two wire Oxygen Transmitter

Two Wire Process Oxygen analyzer

The Model O2Tracer-DIS-R is remote configured transmitter, accurate and very simple to use in the measurement of Oxygen in the % range.



☺ One User specific measuring range

The unit is offer with three standards % ranges. Special ranges available -need to consult the factory.

☺ Sensor

The O2Trace-DIS-R 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.

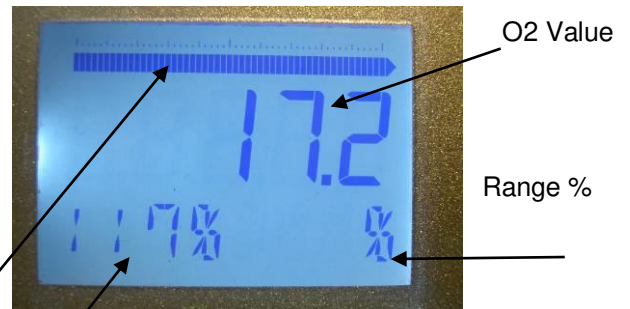
☺ Calibration

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 recommended with this measurement



Value analog
Output in % and
Bar Graph

Ordering Number Range

O2T-DIS-R1 0-10%
O2T-DIS-R2 0-25%
O2T-DIS-R3 0-100%

www.rosCIDtechnologies.com

Roscid Technologies
Woburn, MA 01801 USA

Specification

Measuring ranges

O2 ranges : 0-10%
 0-25%
 0-100%

Calibration : with calibration gas(ppm) or air

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

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

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 : 6 Digit Display, backlight

Oxygen sensor : Micro-Fuel Cell,

Housing : IP65

Size : 80 x 75 x 55 (B x H x T) mm

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

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