



## TEC-OXY-D3-ZZ

**Product code:** TEC-OXY-D3-ZZ

**Manufacturer:** Tecnosens SpA

Oxygen measurement module in various ranges between 10ppm and 96% based on zirconium oxide sensor.

This technology allows accurate and accurate measurements to be obtained, ensuring high stability over time; therefore requiring little maintenance.

The board to which the sensor is connected, designed and produced by Tecnosens S.p.A., manages the conditioning of the sensor and outputs a linear signal to the concentration of oxygen.

The product is supplied in DIN rail mounting version to allow a rapid installation in industrial plants. The TEC-OXY-D3-ZZ is available with different full-scale to suit any use.

Features:

- Full scale available: 1000ppm / 1% / 2% / 3% / 5% / 25% / 95% / 96% O<sub>2</sub>
- 4-20mA current outputs and 0-10V voltage
- Communication via RS485 and Modbus protocol
- USB & RS232
- 2 relay with settable threshold
- 2 optoisolated digital inputs
- 4 analogue transistors outputs

The TEC-OXY-D3-ZZ module is provided with a graphic display for real-time display of the detected oxygen concentration.

By means of the buttons it is possible to switch from the display in figures to the graphic time display.



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<b>Power Supply</b>	12 - 24 Vdc
<b>Measurement range</b>	10-1.000 ppm 0.05-1 % 0.05-2 % 0.05-3 % 0.1-25 % 0.1-95 % 0.1-96 %
<b>Target Gas</b>	Oxygen
<b>Output</b>	4-20 mA, linear 0-10V, linear RS485 USB RS232 Relay