



## TEC-OXY-D1-ZZ

**Product code:** TEC-OXY-D1-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 card 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 available in both a PCB and a DIN rail mounting version.

Depending on the application, the TEC-OXY can be customized to suit any use:

- 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
- Relay

<b>Power Supply</b>	12 - 24 Vdc
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<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 %
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<b>Target Gas</b>	Oxygen
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**Output**

4-20 mA, linear  
0-10V, linear  
RS485  
Relay