

Digital oxygen sensor Memosens COL37E

Agile Memosens 2.0 oxygen sensor for laboratory measurements and random sampling in the field



More information and current pricing:

www.ca.endress.com/COL37E

Benefits:

- Flow-free C-shaped optical cap eliminates interference of air bubbles
- Easy handling thanks to optical sensor technology without electrolyte and polarisation time
- Long lifetime of the robust optical spot for stable measurements
- Memosens technology with true plug and play and conclusive traceability
- Easy cleaning due to optical measurement principle and seamless design
- Temperature compensation and registration with the integrated temperature sensor
- Supports the requirements of quality management with tamper-proof stored information such as serial number or calibration history

Specs at a glance

- **Measurement range** 0 to 200 %SAT
- **Process temperature** -5 to +60 °C (23 to 140 °F)
- **Process pressure** 1 bar, not intended for continues measurement in process

Field of application: The optical oxygen sensor Memosens COL37E allows for easy handling and maintenance. It allows simple adjustments to enhance the oxygen measurement and has a very fast response time. With the Memosens 2.0 technology operators also benefit from true plug and play. The sensor is agile in all environments and allows quick checking of oxygen values in aeration tanks, fish farms and surface water.

Features and specifications

Oxygen

Measuring principle

Optical oxygen measurement

Application

Measurements in the field of surface water, wastewater and process water

Characteristic

Agile digital Memosens 2.0 optical oxygen sensor for laboratory measurements and random sampling in the field

Measurement range

0 to 200 %SAT

Material

Stainless steel

Dimension

Diameter: 12 mm (0.47 inch)
Shaft length: 120 mm (4.72 inch)

Process temperature

-5 to +60 °C (23 to 140 °F)

Process pressure

1 bar, not intended for continuous measurement in process

Temperature sensor

Pt1000

Connection

Inductive, digital connection head with Memosens 2.0 technology

Ingress protection

IP68

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