

# Dissolved oxygen sensor Oxymax COS41

Amperometric oxygen sensor for water,  
wastewater and utilities



More information and current pricing:

[www.de.endress.com/COS41](http://www.de.endress.com/COS41)

## Benefits:

- High measurement accuracy
- Long maintenance intervals
- Minimum calibration effort thanks to simple air calibration

## Specs at a glance

- **Measurement range** 0,05 - 20mg/l
- **Process temperature** max. 50°C (122°F)
- **Process pressure** max. 10bar (145psi)

**Field of application:** Oxymax COS41 is a reliable and accurate oxygen sensor for all kinds of water & wastewater applications. Designed for reduced maintenance and a long operating life, the sensor offers real value for money.

## Features and specifications

### Oxygen

#### Measuring principle

Amperometric oxygen measurement

#### Application

Aeration tank, river monitoring, water treatment, fish farming.

#### Characteristic

Amperometric 2-electrode system to measure dissolved oxygen.

## Oxygen

**Measurement range**

0,05 - 20mg/l

**Measuring principle**

Closed (membrane covered) amperometric 2-electrode sensor.

**Design**

- Extreme stable membrane- Analog communication

**Material**

Sensor body : POM Membrane cap : POM

**Dimension**Diameter : 40mm  
(1.56inch) Length : 220mm  
(8.85inch)**Process temperature**max. 50°C  
(122°F)**Process pressure**max. 10bar  
(145psi)**Temperature sensor**

Integrated NTC-sensor

**Connection**

Process connection : G1" Cable : Fixed cable or TOP68 connector

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