

Dissolved oxygen sensor Oxymax COS41

Amperometric oxygen sensor for water,
wastewater and utilities



More information and current pricing:

www.apsc.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 range0,05 - 20mg/l

Measuring principleClosed (membrane covered) amperometric 2-electrode sensor.

Design- Extreme stable membrane- Analog communication

MaterialSensor body : POM Membrane cap : POM

DimensionDiameter : 40mm
(1.56inch) Length : 220mm
(8.85inch)

Process temperaturemax. 50°C
(122°F)

Process pressuremax. 10bar
(145psi)

Temperature sensorIntegrated NTC-sensor

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

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