Dissolved oxygen assembly Cleanfit COA451

Retractable assembly for water, wastewater and utilities

More information and current pricing:
www.endress.com/COA451

Benefits:

- One assembly for all applications: The 'one for all' principle optimizes stockholding, speeds up project handling and simplifies life cycle management.
- Easy and safe maintenance: Sensor service and cleaning without process interruption.
- Robust design: Process pressure up to 10 bar (145 psi), manual operation up to 2 bar (29 psi).
- Convenient and time-saving operation: Rinse-water connection allows cleaning without removing the sensor from the process.

Specs at a glance

- **Process temperature** max. 80°C (176°F)
- **Process pressure** For manual assembly operation : max 2bar (29psi) Medium pressure : max. 10bar (145psi)

Field of application: Cleanfit COA451 is a retractable assembly for all fields of dissolved oxygen measurements. It is equipped with a stop bolt, O-ring seals and a ball valve, enabling complete isolation of process and sensor compartment. This allows you to access the sensor without interrupting the process or emptying the pipe or tank. Better still, benefit from increased process and operational safety and significantly reduced maintenance effort across the whole measuring point.

Features and specifications

Oxygen

Measuring principle
Amperometric oxygen measurement

Application
Process measurement
Water and wastewater treatment
Drinking water
Monitoring of surface water
Fish farming

Characteristic
Sensor monitoring and cleaning without process interrupt.

Design
Process holder with manual ball valve and rinse water connection.

Material
Holder : stainless steel 1.4404 (AISI 316L)
Air relief valve and rinse connection : nickeled brass
Sealing : Viton

Dimension
Immersion depth : 170mm or 270mm
(6.63 - 10.53inch)

Process temperature
max. 80°C (176°F)

Process pressure
For manual assembly operation : max 2bar (29psi)
Medium pressure : max. 10bar (145psi)

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