

# Dissolved oxygen assembly Cleanfit COA451

## Retractable assembly for water, wastewater and utilities



Thông tin thêm và mức tính giá hiện tại:

[www.apsc.endress.com/COA451](http://www.apsc.endress.com/COA451)

### Lợi ích:

- 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.

### Tổng quan về thông số kỹ thuật

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

**Phạm vi ứng dụng:** 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.

### Tín năng và thông số kỹ thuật

## Oxygen

### Measuring principle

Amperometric oxygen measurement

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### Application

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

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### Characteristic

Sensor monitoring and cleaning without process interrupt.

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### Design

Process holder with manual ball valve and rinse water connection.

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### Material

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

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### Dimension

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

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### Process temperature

max. 80°C (176°F)

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### Process pressure

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

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