

# Cleanfit P CPA471



More information and current pricing:

[www.casc.endress.com/CPA471](http://www.casc.endress.com/CPA471)

## Benefits:

- Compact design suitable for space-limited environments
- No process interruption for electrode cleaning and calibration – saves maintenance time and costs
- Extended operating life of electrodes due to automatic cleaning
- High operating safety through reliable separation from process by stop bolt and O-ring seals
- Flexible adaptation to all applications by great variety of materials and process connections

## Specs at a glance

- **Process temperature** max. 80 bzw. 140°C (176°F or 284°F)
- **Process pressure** max. 4,6 / 10 bar (58 psi, 87 psi or 145 psi)

**Field of application:** The compact Cleanfit CPA471 is designed for installation in tanks or pipelines where space is limited. Its piston together with O-ring seals guarantees reliable separation from the process and allows you to replace the sensor without interrupting the process. Clean and calibrate the sensors automatically via the optional electric or pneumatic control system and benefit from an extended sensor operating life.

## Features and specifications

pH

### Measuring principle

### Application

Water, waste water, process

### Installation

Retractable assembly

pH

**Characteristic**

Open and closed tank, piping (min. DN80)

**Design**

- manual or pneumatic, can be fully automated with CPC30 / 310 - integrated rinse chamber with connection G1/4" or NPT1/4".

**Material**

Assembly: Stainless steel 1.4404 Sealing : different material available

**Dimension**

Immersion depth: 66 - 208 mm  
(2.57 inch - 8.11 inch)

**Process temperature**

max. 80 bzw. 140°C  
(176°F or 284°F)

**Process pressure**

max. 4,6 / 10 bar  
(58 psi, 87 psi or 145 psi)

**Connection**

DN25 thread adapter nut, Triclamp, Varivent, APV, dairy fitting DN50.

**Additional certifications**

- 3.1.B EN 10204

ORP / Redox

**Measuring principle****Application**

Water, waste water, process

**Installation**

Retractable holder

## ORP / Redox

**Characteristic**

Open and closed tank, piping (min. DN80)

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**Design**

- manual or pneumatic, can be fully automated with CPC30 / 300.-  
integrated rinse chamber with connection G1/4" or NPT1/4".

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**Material**

Holder : Stainless steel 1.4404 Sealing : different material available

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**Dimension**

Immersion depth : 66 - 208mm

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**Process temperature**

max. 80 bzw.140°C

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**Process pressure**

max. 4,6 bzw.10bar

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**Connection**

DN25 thread adapter nut, Triclamp, Varivent, APV, dairy fitting DN50.

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**Additional certifications**

- 3.1.B EN 10204

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## Oxygen

**Measuring principle****Application**

Water, waste water, process

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**Characteristic**

Retractable holder. Open and closed tank, piping (min. DN80)

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**Design**

- manual or pneumatic, can be fully automated with CPC30 / 300.-  
integrated rinse chamber with connection G1/4" or NPT1/4".

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## Oxygen

**Material**

Holder : Stainless steel 1.4404 Sealing : different material available

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**Dimension**

Immersion depth : 66 - 208mm  
( 2.57inch - 8.11inch)

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**Process temperature**

max. 80 bzw.140°C  
( 176°F or 284°F)

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**Process pressure**

max. 4,6 bzw.10bar  
( 58psi, 87psi or 145psi)

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**Connection**

DN25 thread adapter nut, Triclamp, Varivent, APV, dairy fitting DN50.

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**Additional certifications**

- 3.1.B EN 10204

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