

Cleanfit H CPA475



More information and current pricing:

www.de.endress.com/CPA475

Benefits:

- With certificate 3A 74-02
- All parts in contact with the medium are made of stainless steel 1.4435 (AISI 316L), the seals consist of EPDM or VITON according to FDA recommendations
- Flexible adaptation to your process requirements based on variety of process connections
- For 120 mm gel electrodes or 225 mm liquid KCl electrodes as well as COS22D oxygen sensors

Specs at a glance

- **Process temperature** max. 80 bzw. 140°C
- **Process pressure** max. 4/6 bzw. 10bar

Field of application: The Cleanfit CPA475 retractable assembly is the certified specialist for installation in tanks and pipes of hygienic and sterile applications. It helps to increase the quality and yield of your precious products by bringing effective pH measurement into your process. CPA475 also guarantees highest protection from contamination of your products thanks to its sterilizability and FDA-recommended materials.

Features and specifications

ORP / Redox

Measuring principle

Sensor ORP / Redox

Application

Food, pharmaceuticals, process

Installation

Retractable holder

ORP / Redox**Characteristic**

Open and closed tank, piping (min. DN80)

Design

- hygienic style- manual or pneumatic, can be fully automated with CPC30 / 300.- integrated rinse chamber (Z-shape) with connection G1/4" or NPT1/4".

Material

Holder : stainless steel 1.4435
Sealing : different materials (FDA) available.

Dimension

Immersion depth : 48 - 102mm

Process temperature

max. 80 bzw. 140°C

Process pressure

max. 4/6 bzw. 10bar

Connection

DN25 thread adapter nut, Triclamp, Varivent, APV, dairy fitting DN50, flange DN50/PN10, flange ASME 2"/150lbs

Additional certifications

- 3.1.B EN 10204- 3A / EHEDG (inline steam sterilisability+cleanability)

Oxygen**Measuring principle**

Amperometric oxygen measurement

Application

Food, pharmaceuticals, process

Characteristic

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

Oxygen

Design

- hygienic style- manual or pneumatic, can be fully automated with CPC30 / 300.- integrated rinse chamber (Z-shape) with connection G1/4" or NPT1/4".

Material

Holder : stainless steel 1.4435
Sealing : different materials (FDA) available.

Dimension

Immersion depth : 48 - 102mm
(1.87inch -3.97inch)

Process temperature

max. 80 or 140°C
(176°F or 284°F)

Process pressure

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

Connection

DN25 thread adapter nut, Triclamp, Varivent, APV, dairy fitting DN50, flange DN50/PN10, flange ASME 2"/150lbs

Additional certifications

- 3.1.B EN 10204- 3A / EHEDG (inline steam sterilisability+cleanability)

pH

Measuring principle

Potentiometric

Application

Food, pharmaceuticals, process

Installation

Retractable assembly

pH

Characteristic

Open and closed tank, piping (min. DN80)

Design

- hygienic style - manual or pneumatic, can be fully automated with CPC30 / 310 - integrated rinse chamber (Z-shape) with connection G1/4" or NPT1/4".

Material

Holder: stainless steel 1.4435 Sealing : different materials (FDA) available.

Dimension

Immersion depth: 48 - 102mm
(1.87 inch - 3.97 inch)

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max. 80 or 140°C
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Connection

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Additional certifications

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