Cleanfit P CPA471

More information and current pricing:
www.apsc.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 bzw.10bar (58psi, 87psi or 145psi)

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

Oxygen

Measuring principle
Amperometric oxygen measurement

Application
Water, waste water, process

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

Oxygen

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

Material
Holder : Stainless steel 1.4404Sealing : different material available

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

Process temperature
max. 80 bzw.140°C
(176°F or 284°F)

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

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

Additional certifications
- 3.1.B EN 10204

pH

Measuring principle
Potentiometric

Application
Water, waste water, process

Installation
Retractable assembly

Characteristic
Open and closed tank, piping (min. DN80)

pH

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
Sensor ORP / Redox

Application
Water, waste water, process

Installation
Retractable holder

Characteristic
Open and closed tank, piping (min. DN80)

ORP / Redox

Design

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

Material

Holder : Stainless steel 1.4404Sealing : different material available

Dimension

Immersion deepth : 66 - 208mm

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.

Additional certifications

- 3.1.B EN 10204

More information **www.apsc.endress.com/CPA471**