Manual or automatic retractable assembly Cleanfit CPA474

Assembly with ball valve for chemical and industrial wastewater applications

More information and current pricing:
www.au.endress.com/CPA474

Benefits:

- Safe and reliable separation from the process by ball valve, even under harsh conditions
- Suitable for corrosive media: Only polymers (PP, PVDF, PEEK) in contact with medium
- No process interruption for electrode cleaning and calibration – saves maintenance time and costs
- Extended operating life of electrodes due to automatic cleaning
- Flexible adaptation to all applications by great variety of materials and process connections

Specs at a glance

- **Process temperature** PA version: max. 80 °C (max. 176 °F)
  Stainless steel pressure cylinder: max. 120 °C (248 °F)
- **Process pressure** PA pressure cylinder: max. 6 bar (87 psi)
  Stainless steel pressure cylinder: max. 10 bar (145 psi) at 40 °C (104 °F)

Field of application: The Cleanfit CPA474 retractable assembly is designed for applications which require safe separation from the process and contain media that could affect stainless steel. It offers highest operating comfort: You can replace sensors and even service the assembly while the process is running. The optional electric or pneumatic control system enables automated cleaning and calibration even in difficult processes.

Features and specifications

ORP / Redox

Measuring principle
Sensor ORP / Redox

Application
Chemical industry, wastewater, industrial water, power plants, refuse incinerators

Installation
Retractable holder with ball valve

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

Design
Manual or pneumatic
Manual or pneumatic ball valve
Can be fully automated with CPC30 / 300
Integrated rinse chamber with connection G1/4" or NPT1/4"

Material
Seals: EPDM / FPM / perfluoroelastomer
Electrode holder: PP / PEEK / PVDF
Ball valve: PP / PVDF
Inlet safety seal: PVDF, PTFE, Viton®
Outlet safety seal: PVDF
Rinse connection socket: PVDF

Dimension
Immersion depth: 71 to 207 mm (2.8 to 8.15 inch)

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Process pressure
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ORP / Redox

Connection
Process connection DN50, ANSI 2"

pH

Measuring principle
Potentiometric

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Additional certifications

Inspection certificate 3.1 acc. to EN 10204 on demand

More information **www.au.endress.com/CPA474**

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