

Manual or automatic retractable assembly Cleanfit CPA474

Assembly with ball valve for chemical and industrial wastewater applications



More information and current pricing:

www.be.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

pH

Measuring principle

Potentiometric

Application

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

Installation

Retractable assembly 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)

Process temperature

PA version: max. 80 °C (max. 176 °F)

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pH

Process pressure

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Stainless steel pressure cylinder: max. 10 bar (145 psi) at 40 °C (104 °F)

Connection

Process connection DN50, ANSI 2"

Additional certifications

Inspection certificate 3.1 acc. to EN 10204 on demand

ORP / Redox

Measuring principle

Sensor ORP / Redox

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Retractable holder with ball valve

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