

# Manual or automatic retractable assembly Cleanfit CPA474

## Assembly with ball valve for chemical and industrial wastewater applications



More information and current pricing:

[www.ch.endress.com/CPA474](http://www.ch.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

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**Application**

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

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**Installation**

Retractable holder with ball valve

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**Characteristic**

Open and closed tank, piping (min. DN80)

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**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"

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**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

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**Dimension**

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

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ORP / Redox

**Connection**

Process connection DN50, ANSI 2"

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pH

**Measuring principle**

Potentiometric

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**Additional certifications**

Inspection certificate 3.1 acc. to EN 10204 on demand

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