

Manual retractable assembly Cleanfit CPA450

Basic assembly for the water & wastewater, chemical, pulp & paper and power industries



Benefits:

- No process interruption for electrode cleaning and calibration – saves maintenance time and costs
- High operating safety through reliable separation from process by ball valve made of stainless steel
- Variable immersion depth up to 700 mm
- Flexible adaptation to all applications by great variety of materials and process connections

Specs at a glance

- **Process temperature** -15 to 130 °C (5 to 266 °F)
- **Process pressure** Max. 12 bar at 100 °C (175 psi at 212 °F)

More information and current pricing:

www.endress.com/CPA450

Field of application: The manual Cleanfit CPA450 is the first step into the world of retractable assemblies. It is designed for installation in thick-walled tanks or large pipes and copes with fibrous or coating media. CPA450 features a ball valve which seals off the process reliably, making sensor handling extremely easy. It is no longer necessary to interrupt the process or empty a tank for sensor service or replacement.

Features and specifications

pH

Measuring principle

Potentiometric

Application

Power stations, chemical industry, industrial water treatment, supply technology

pH

Installation

Manually retractable assembly

Characteristic

Open and closed tank, piping

Design

Manually retractable assembly for 120 mm electrodes, rinse chamber connection G1/4"

Material

Immersion tube: stainless steel 1.4404, Alloy C22, titanium 3.7035
O-rings: EPDM, Viton or Kalrez

Dimension

Immersion depth: up to 700 mm (27.56 inch)

Process temperature

-15 to 130 °C (5 to 266 °F)

Process pressure

Max. 12 bar at 100 °C (175 psi at 212 °F)

Connection

Thread G 1 1/4", thread NPT 1 1/4" flange DN32 PN16; flange ASME 1 1/4"

Additional certifications

3.1B EN 10204

ORP / Redox

Measuring principle

Sensor ORP / Redox

Application

Power stations, chemical industry, industrial water treatment, supply technology

ORP / Redox

Installation

Manual retractable holder

Characteristic

Open and closed tank, piping

Design

Manual retractable holder for 120mm electrodes, rinse chamber connection G1/4"

Material

Immersion tube: stainless steel 1.4404, Alloy C22, titanium 3.7035
O-rings: EPDM, Viton or Kalrez

Dimension

Immersion depth: up to 700 mm (27.56 inch)

Process temperature

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