

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.casc.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

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

-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

pH

Measuring principle

Potentiometric

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pH

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