

Manual or automatic retractable assembly Cleanfit CPA875

Sterilizable assembly for the life sciences and food & beverage industries



More information and current pricing:

www.endress.com/CPA875

Benefits:

- Highest process safety: The patented design of the dynamic sealing prevents contamination.
- Simple operation: Remove, sterilize and calibrate the sensor while the process is running – aseptic and hygienically safe.
- No cross-contamination: Sterile design according to EHEDG and ASME BPE as well as sealings according to FDA and USP class VI.
- Flexible: Individual adaptation to your process requirements based on variety of process connections.
- Optional double service chamber: Sealing between sterile and non-sterile part moves dynamically with the sensor guide – just like in a syringe. The sterile space and the process medium remain untouched.

Specs at a glance

- **Process temperature** -10 to 140 °C (14 to 284 °F)
- **Process pressure** Pneumatic drive: 16 bar up to 140 °C (232 psi up to 284 °F) Manual drive: 8 bar up to 140 °C (116 psi up to 284 °F)

Field of application: Completely sterilizable, the Cleanfit CPA875 retractable assembly guarantees maximum protection from contamination making it ideal for use in life science and food & beverage applications. Fully certified (EHEDG and ASME BPE) and made of FDA-recommended materials, the CPA875 is the right choice where hygiene counts!

Features and specifications

pH

Measuring principle

Potentiometric

Application

Food and beverages, biotechnology, life sciences, special chemicals

Installation

Retractable process assembly

Characteristic

Open and closed tanks, piping

Design

Sterile and hygienic stile

Manual or pneumatic

Material

Holder: stainless steel 1.4435

Seals: EPDM-FDA, FKM-FDA, FFKM-FDA

Dimension

Immersion depth: 16.1 to 81.4 mm (0.63 to 3.20 inch), depending on process adaption

Process temperature

-10 to 140 °C (14 to 284 °F)

Process pressure

Pneumatic drive: 16 bar up to 140 °C (232 psi up to 284 °F)

Manual drive: 8 bar up to 140 °C (116 psi up to 284 °F)

Connection

Aseptic DN25 clampable, Aseptic DN50 screw-in, Clamp ISO 2852, ASME BPE, Varivent N

Oxygen

Measuring principle

Sensor ORP / Redox

Oxygen

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