

Manual or automatic retractable assembly Cleanfit CPA875

Sterilizable assembly for the life sciences and food & beverage industries



More information and current pricing:

www.cz.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

Oxygen

Measuring principle

Sensor ORP / Redox

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

pH

Measuring principle

Potentiometric

pH

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