Manual or automatic retractable assembly Cleanfit CPA875

Sterilizable assembly for the life sciences and food & beverage industries

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.

More information and current pricing: [www.endress.com/CPA875](http://www.endress.com/CPA875)

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

**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

More information [www.endress.com/CPA875](http://www.endress.com/CPA875)