

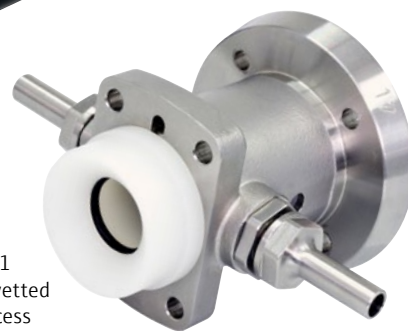
## Play it safe

# The Cleanfit CPA871 – Your trusted companion in day-to-day operations

The retractable assembly guarantees safe and reliable measurement while the process is running

- **Maximum operational safety**  
Intelligent functions support safe and optimum sensor handling during operation, cleaning and calibration.
- **Robust assembly design for challenging environments**  
Reliable operation is guaranteed thanks to specific solutions for deep immersion depths in adhesive media and also thanks to a metallic support housing.
- **Modular assembly that can be adapted easily to your processes**  
Material, process connection and drive type – choose the ideal version for your process conditions.





Service chamber of the new Cleanfit CPA871 retractable assembly: The material of the wetted parts is optimally suited for use in your process medium. An external support housing made of metal guarantees stability.

**Safety and reliability in day-to-day operations – that's the promise of the new Cleanfit CPA871 retractable assembly. In addition, its modular design means that it can be adapted precisely to the special requirements of your processes.**

#### With the Cleanfit CPA871 you're in safe hands

The new retractable assembly is optimally equipped for safe operation directly in the process:

- On a mechanical level, it prevents the sensor guide from being moved into the process when no sensor is installed.
- A protection cap, which closes tightly around the sensor in the measuring position, ensures that the sensor cannot be removed at the wrong time.
- End position locks and specially designed spindle drives make it impossible for the sensor to be accidentally moved from the measuring position back into the service chamber.

This ensures that no process medium escapes into the service chamber and assembly drive or into the environment.

#### Completely robust

Challenging media characteristics, high pressures and high temperatures pose no problem for the Cleanfit CPA871 retractable assembly.

- For sensors operating at deep immersion depths in adhesive media and in media which are prone to precipitation, the special immersion chamber version is the perfect solution. Here, the sensor guide with the installed sensor is almost completely surrounded by the immersion chamber in the process medium, thereby minimizing contact with the medium. This protects the seals when the sensor is being moved between the measuring and service position.
- A metallic support housing for the service chamber guarantees stability – even if polymers are used for the wetted parts.

#### Adapt the Cleanfit CPA871 to your processes

- Wetted parts made of stainless steel 1.4404, PEEK, PVDF, PVDF (conductive), Hastelloy C-22 and titanium, other materials available on request
- A wide range of process connections
- Manual or pneumatic drive for retractable assembly – depending on the level of automation desired

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