

Versatile flow assembly for water treatment and auxiliary processes

Reliable measuring point thanks to Flowfit CPA25

Your flow assembly for the efficient implementation of a reliable and low-maintenance measuring point.

Efficient

- Compact assembly with three Pg 13.5 sensor slots.
- Optimized design for minimum pressure loss.

Reliable

- Special flow geometry to achieve reliable and stable measured values from the installed sensors.
- Siphon type profile to protect the sensors from drying out during plant shutdown.

Easy to maintain

- Service cover facilitates cleaning of the sensors and assembly.
- Calibration of the sensors to check they are functioning correctly can take place while installed.



Flow assemblies are used to set up measuring points efficiently, in particular to facilitate quick and easy access to high-maintenance sensors. Installation in bypasses or branch lines allows easy separation from the process by means of shut-off valves.

Optimized design guarantees high measuring point efficiency

Flowfit CPA25 was completely redeveloped using flow simulation. The assembly features a siphon type design to ensure optimum flow against the sensors. This enables a fast response time on the one hand and accurate measured values on the other.



Flowfit CPA25 with splash protection cap

This special design prevents the wet-chemical sensors from drying out and facilitates reliable recommissioning following measuring point shutdown. Furthermore, installations can be set up easily and efficiently due to the low pressure drop of the assembly.

Easy to maintain thanks to splash guard and service cover

The splash protection cap guarding the sensors and optional compact transmitter can be removed as easily as the maintenance cover without tools. The latter allows easy access to the sensors. The assembly and sensors can thus be cleaned without disassembly which, in turn, saves time. A function check of the sensor can take place directly in the assembly.

Ultimate compatibility

The assembly is designed to hold up to three sensors with Pg 13.5 thread with a shaft length of 120 mm. It is therefore ideally suited to Endress+Hauser's pH/ORP, conductivity and oxygen sensors. Thanks to the optional potential equalization, analog sensors can also be used.

Multiple installation options

The integrated holder means that the CPA25 can be easily fitted onto panels, in measuring containers or simply on a wall. The assembly can also be mounted on pipes or railings using the optional device.

✓ Where can I use Flowfit CPA25?

Flowfit CPA25 can be used in many applications in industrial auxiliary processes as well as in water and wastewater treatment.

It consists of high-grade polypropylene and can easily cope with high chloride concentrations, such as in seawater for example. Flowfit CPA25 can be used to implement measuring points in the following applications among others:

- Drinking water
- Water and wastewater treatment
- Water cooling circuits
- Osmosis plants