

## Flexibility for disinfection measuring points

### Flowfit CYA27 – modular flow assembly for process and drinking water

**Flowfit CYA27 enables measurement of up to six parameters.**

**Maximum flexibility:**

The modular design of the assembly allows you to perfectly adapt it to your process requirements. Thanks to flexible mounting options, the measuring point can be positioned wherever it is needed for accurate measurement.

**Minimum water loss:**

When installed in Flowfit CYA27, sensors require a low sample flow for precise measurement. Only a very small volume of water goes to waste.

**Reliable measurement:**

Flow monitoring makes sure that your measurement is always operational. A status indication light shows if the flow is correct, allowing for direct reaction to errors.

**Easy maintenance:**

The optional cleaning and dosing module enables automated cleaning cycles and acidification of the medium for specific disinfection process conditions.





Maximum flexibility: From a single module for disinfection measurement to a fully expanded assembly with six modules

**Flexibility and efficiency – that's the promise of the new Flowfit CYA27 flow assembly. Its modular design allows you to adapt it precisely to the special requirements of your processes.**

#### Configure your individual assembly

- Flowfit CYA27 assembly offers diverse sensor modules for:
  - Disinfection sensors to measure chlorine, chlorine dioxide, bromine, ozone, with or without sampling valve
  - pH, ORP or oxygen sensors
  - Conductivity sensors
- A flow module to ensure sufficient flow of the medium.
- A dosing module for automatic cleaning or acidification of the medium

You can choose whichever modules you need for your specific requirements, from a single disinfection measurement up to a full-blown combination of six modules.

#### Achieve minimum water loss

The assembly is optimally equipped for efficient operation:

- Disinfection sensors installed in the assembly need a sample flow as low as 5 l/h (1.32 gph) for a reliable measurement. Only a minimum amount of water goes to waste.
- A flow switch can monitor a continuous, adequate level of flow through the assembly and ensures that your measurement is always operational.

#### Keep an eye on your measuring point

The assembly's status indication light enables easy identification of the operating status of the measuring point; giving you the possibility of a fast reaction to potential errors.

- The indication light can be used to reflect the status of the flow, i.e. show a red light if the flow through the assembly is too low.
- It can also be connected to the alarm relay of the transmitter to indicate the NAMUR status of the measuring point.

#### Benefit from easy maintenance

The optional cleaning and dosing module enables time-based control of dosing by switching on the dosing pump via a transmitter, e.g. Liquiline multi-parameter transmitter with relay card. The automated cleaning cycles reduce your manual cleaning effort and time required for maintenance.

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