

Flow assembly for multi-parameter measurements Flowfit CYA27

Modular assembly for drinking and process water applications



More information and current pricing:

www.fr.endress.com/CYA27

Benefits:

- **Maximum flexibility:** The modular design of the assembly enables perfect adaption to process requirements. You can measure up to 6 variables. Flexible mounting options allow you to position the sensor where it is needed for accurate measurement.
- **Minimum water loss:** When installed in Flowfit CYA27, sensors require a sample flow as low as 5 l/h (1.32 gph) for precise measurement. Only a very small volume of water goes to waste.
- **Reliable measurement:** The integrated flow monitoring makes sure that your measurement is always operational. The optional 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.

Specs at a glance

- **Process temperature** 0 to 60 °C (32 to 140°F)
- **Process pressure** 0 to 4 bar (0 to 58 psi) relative

Field of application: Flowfit CYA27 allows for monitoring of up to 6 relevant parameters at the same time. Sensors installed in the assembly need a sample flow as low as 5 l/h (1.32 gph) for accurate measurement. This enables precise control of processes such as disinfection with minimum water loss. The assembly offers flexible mounting options, an integrated sampling valve and a cleaning and dosing module. A flow monitoring can ensure that your measurement is always operational.

Features and specifications

Disinfection

Measuring principle

Ozone

Application

Drinking water
Utilities of all industries
Less drained sample water

Characteristic

Flow assembly for multiparameter measurement

Design

Flow through assembly with optimized flow path for disinfection sensors and for 12 mm sensors
optional: flow monitoring
optional: dosing

Material

Plexiglas (PMMA) with FKM seals

Dimension

modular, from WxHxD 165x155x73 mm (6.50x6.10x2.87 in) up to 345x249.5x94 mm (13.58x9.82x3.70 in)

Process temperature

0 to 60 °C (32 to 140°F)

Process pressure

0 to 4 bar (0 to 58 psi) relative

Connection

G1/4" or adaptation

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