LENNTECH
WATER TREATMENT SOLUTIONS

Flow assembly for multi-parameter measurements Flowfit CYA27

Modular assembly for drinking and process water applications

More information and current pricing:
www.nl.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.
- **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:** The integrated flow switch makes sure that your measurement is always operational. For exact flow monitoring, select the optional flow rate measurement.
- **Long-term operation even in water containing particles:** The particle separator module separates and drains particles by centrifugal forces. It ensures a safe flow at the measuring point without the need for regular maintenance.
- **Easy maintenance:** The optional cleaning and dosing module enables automated cleaning cycles and acidification of the medium for specific disinfection process conditions.
- **Early indication:** The optional status indication light according to NAMUR (NE107) shows if the flow is correct and sensors and transmitter are working properly, allowing for direct reaction to errors or timely maintenance.

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

Disinfection

Connection

G1/4" or adaptation

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