

# Flow assembly for multi-parameter measurements Flowfit CYA27

## Modular assembly for drinking and process water applications



More information and current pricing:

[www.casc.endress.com/CYA27](http://www.casc.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.

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## Features and specifications

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### Disinfection

**Measuring principle**

Ozone

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**Application**

Drinking water  
Utilities of all industries  
Less drained sample water

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**Characteristic**

Flow assembly for multiparameter measurement

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**Design**

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

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**Material**

Plexiglas (PMMA) with FKM seals

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**Dimension**

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

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**Process temperature**

0 to 60 °C (32 to 140°F)

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**Process pressure**

0 to 4 bar (0 to 58 psi) relative

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**Connection**

G1/4" or adaptation

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