

# Turbidity assembly Flowfit CUA250

## Flow assembly for water and wastewater applications



### Benefits:

- Flow assembly featuring simple adaptation to standard piping
- Sensor orientation can be adapted to individual requirements of application
- Additional cleaning device employs spray cleaning to increase sensor maintenance intervals
- Flange adapter for standardized DN 50 flange installation

### Specs at a glance

- **Process temperature** max. 50°C (max. 122°F)
- **Process pressure** max. 6bar (max.87psi)

More information and current pricing:

[www.apsc.endress.com/CUA250](http://www.apsc.endress.com/CUA250)

**Field of application:** Flowfit CUA250 is a process and flow assembly for turbidity measurement. Continuous in-line measurement of turbidity in aqueous media is used for real-time measurement of non-soluble substances in water for purposes of monitoring, detection of operating states and control applications.

## Features and specifications

### Turbidity

#### Measuring principle

Single beam scattered light

#### Application

Waste water, industrial water

#### Installation

Flow through holder for pipe or bypass installations

## Turbidity

### Characteristic

Flow through holder for the turbidity sensors CUS31/41, blackened inside to minimize light reflexions.

### Design

Flow through holder optional with spray head for a manual or automatic cleaning of the sensor head inside the holder with the cleaning device CUR3.

### Material

Holder body : PVC  
Sealing : EPDM

### Dimension

Diameter : 100mm  
(3.94inch) Height : 196mm  
( 7.64inch)

### Process temperature

max. 50°C  
(max. 122°F)

### Process pressure

max. 6bar  
(max.87psi)

### Connection

Process connections :- Screw type : DN20/d25- Mounting in GF DN50/  
d63-pipe.

More information [www.apsc.endress.com/CUA250](http://www.apsc.endress.com/CUA250)