

# Liquisys M CUM253



More information and current pricing:

[www.endress.com/CUM253](http://www.endress.com/CUM253)

## Benefits:

- One instrument for turbidity and suspended solids
- Ultrasimple calibration with user samples and alarm signalling for calibration errors
- Direct access for manual contact control
- Automatic sensor self-recognition with calibration data transfer
- Automatic cleaning start
- Current input for flow rate monitoring with controller shut off or for feedforward control
- Sensor live check

## Specs at a glance

- **Input** 1-channel transmitter
- **Output / communication** 0/4-20mA, Hart, Profibus.
- **Ingres protection** IP65

**Field of application:** Liquisys CUM253 is a standard transmitter for all analog turbidity sensors. It improves your operational safety thanks to continuous plausibility, process and sensor checks. Select from numerous hardware and software modules, such as relays or fieldbus communication, to adapt it exactly to your measuring task. This modularity also allows you to upgrade the transmitter at any time. A simple menu and calibration make configuration and operation fast and easy.

## Features and specifications

### Turbidity

#### Measuring principle

Single beam scattered light

#### Application

Water, waste water, process

## Turbidity

**Characteristic**

4-wire transmitter with a two-line display

**Design**

Turbidity transmitter in a field housing with two-line display and direct calibration via "CAL"-button.

**Dimension**

247x170x115mm  
(9.63x6.63x4.48inch)

**Temperature sensor**

Display and current output

**Ex certification**

No

**Ingres protection**

IP65

**Input**

1-channel transmitter

**Output / communication**

0/4-20mA, Hart, Profibus.

**Additional certifications**

CSA Gen. Purpose

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