

# Disinfection transmitter Liquisys CCM253

Compact field device for the water,  
wastewater, food and power industries



More information and current pricing:

[www.endress.com/CCM253](http://www.endress.com/CCM253)

## Benefits:

- More operational safety: Continuous process check system, customized alarm configuration, calibration plausibility check.
- Reliable chlorine and pH control: Current input for flow rate monitoring with controller shut off or for feedforward control.
- Easy to operate and service: Intuitive user interface, simple calibration for chlorine and pH, direct access for manual contact control.
- Reduced maintenance: Automatic cleaning function (with Chemoclean) triggered by alarm or limit switch.
- Fit for every application: Numerous extensions, e.g. P(ID) controller, timer, etc., allow for flexible adaption to all processes.

## Specs at a glance

- **Input** Chlorine / Chlordioxide and pH/ORP Sensor.
- **Output / communication** - Chlorine/Chlordioxid, pH, Temperature : 0/4-20mA- Profibus- Hart + 0/4-20mA

**Field of application:** Liquisys CCM253 is a standard chlorine transmitter with integrated pH compensation for free chlorine. 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

## Disinfection

### Measuring principle

Free chlorine

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### Application

Drinking water, water, waste water, process, pool

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### Characteristic

4-wire transmitter for chlorine/chlordioxide in a field housing. Simple calibration with the "CAL"-button.

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### Design

Overload protection, alarm relays, different controller functions (P(ID)), temperature display, 2-line display, current output galvanically separated.

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### Dimension

247mm x 170mm x 115mm

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