

# Conductivity transmitter Liquisys CLM253

## Compact field device for all industries



More information and current pricing:

[www.endress.com/CLM253](http://www.endress.com/CLM253)

### Benefits:

- More operational safety: Continuous process check system, customized alarm configuration, calibration plausibility check.
- Broad functionality: Conductivity, resistivity and concentration measurement, ultrapure water monitoring according to USP and EP.
- Easy to operate and service: Intuitive user interface, easy calibration, 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, such as P(ID) controller, timer, etc., allow for flexible adaption to all processes.

### Specs at a glance

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

**Field of application:** Liquisys CLM253 is a standard transmitter for all analog conductivity 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

## Conductivity

**Measuring principle**

Conductive

**Application**

Water, waste water, process

**Characteristic**

4-wire transmitter with a two-line display

**Design**

Conductivity transmitter in a PC/ABS-field housing

**Material**

PC/ABS

**Dimension**

247x170x115 mm

**Temperature sensor**

Display and current output

**Ex certification**

No

**Ingress protection**

IP65

**Input**

One-channel transmitter

**Output / communication**

0/4-20mA, Hart, Profibus.

**Additional certifications**

CSA Gen. Purpose.

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