

# pH/ORP transmitter Liquisys CPM253

## Compact field device for all industries



More information and current pricing:

[www.de.endress.com/CPM253](http://www.de.endress.com/CPM253)

### Benefits:

- More operational safety: Continuous process check system, customized alarm configuration, proven Memosens interface for reliable sensor connection.
- Reliable self-monitoring: Sensor check system for pH glass and reference, calibration plausibility check.
- Easy to operate and service: Intuitive user interface, hot plug & play with pre-calibrated Memosens sensors, 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** 0/4-20 mA, Hart, Profibus
- **Ingres protection** No

**Field of application:** Liquisys CPM253 is a standard pH/ORP transmitter for all analog and digital Memosens 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 two-point calibration make configuration and operation fast and easy.

### Features and specifications

pH

**Measuring principle**

Potentiometric

**Application**

Water, waste water, process

**Characteristic**

4-wire transmitter

**Design**pH/ORP field housing made of PC/  
ABS**Material**

PC/ABS housing

**Dimension**247x170x115mm  
(9.63x6.63x4.48inch)**Temperature sensor**

Display and current output

**Ex certification**

No

**Ingres protection**

No

**Input**

One-channel-transmitter

**Output / communication**

0/4-20 mA, Hart, Profibus

**Additional certifications**

CSA Gen. purpose

## ORP / Redox

**Measuring principle**

Sensor ORP / Redox

**Application**

Water, waste water, process

**Characteristic**

4-wire transmitter

**Design**pH/ORP-field housing made of PC/  
ABS**Material**

PC/ABS-housing

**Dimension**

247x170x115mm

**Temperature sensor**

Display and current output

**Ex certification**

No

**Ingres protection**

No

**Input**

One-channel-transmitter

**Output / communication**

0/4-20mA, Hart, Profibus.

**Additional certifications**

CSA Gen. Purpose.

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