

pH/ORP transmitter Liquisys CPM223

Compact panel device for all industries



More information and current pricing:

www.endress.com/CPM223

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.
- **Ingress protection** IP54

Field of application: Liquisys CPM223 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 with a two-line display

Design

pH/ORP transmitter in a panel housing (96x96 mm)

Material

panel housing

Dimension

96 mm x 96 mm x 146 mm(built in depth)

3.74x3.74x5.61 inch (built in depth)

Temperature sensor

Display and current output

Ex certification

No

Ingress protection

IP54

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 water

Characteristic

4-wire transmitter with a two-line display

Design

pH/ORP-transmitter in a panel housing

Material

panel housing

Dimension

96mm x 96mm x 146mm (built in depth)

Temperature sensor

Display and current output

Ex certification

No

Ingress protection

IP54

Input

One-channel-transmitter

Output / communication

0/4-20mA, Hart, Profibus.

Additional certifications

CSA Gen. Purpose

More information www.endress.com/CPM223