

Potentiometric Endress Hauser PH ORP Transmitter Liquisys CPM253-PR0510

Our Product Introduction

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Basic Information

- Place of Origin: Germany
- Brand Name: Endress Hauser
- Certification: ATEX
- Model Number: CPM253-PR0510
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: carton
- Delivery Time: Negotiable
- Payment Terms: T/T
- Supply Ability: 100pcs per month



Product Specification

- Measuring Principle: Potentiometric
- Characteristic: 4-wire Transmitter
- Ingress Protection: No
- Ex Certification: No
- Temperature Sensor: Display And Current Output
- Material: PC/ABS Housing
- Highlight: **Potentiometric ph orp transmitter, ABS housing Liquisys CPM253, cpm253 endress hauser**



More Images



Product Description

Endress Hauser pH/ORP transmitter Liquisys CPM253-PR0510

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.

The Liquisys CPM253 transmitter works with all pH/ORP glass and ISFET sensors in non-hazardous areas, for example in these industries and their utilities:

Chemicals
Food & Beverages
Power & Energy
Water & Wastewater
Primaries & Metal

Liquisys CPM253 features the following protocols and interfaces:

0/4...20 mA
HART
PROFIBUS DP
PROFIBUS PA

Potentiometric

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

Ingress protection
No

Input
One-channel-transmitter

Output / communication
0/4-20 mA, Hart, Profibus

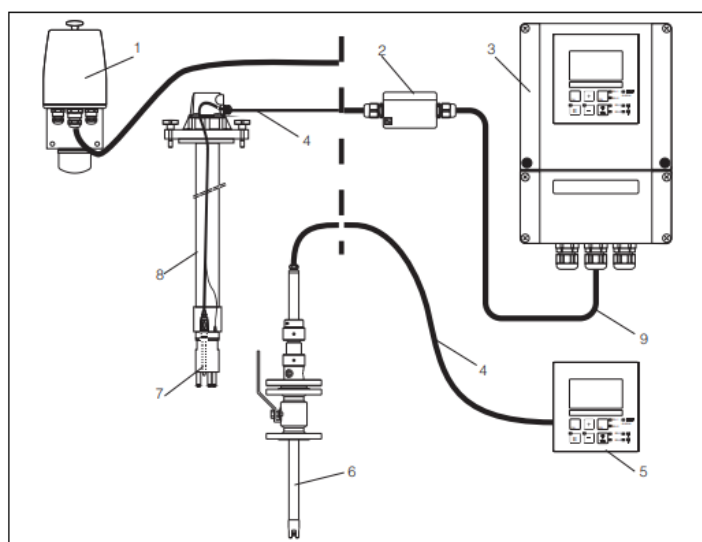
Additional certifications
CSA Gen. purpose



A complete measuring systems comprises:

- The transmitter Liquisys M CPM223 or CPM253
- A pH/ORP electrode with or without an integrated temperature sensor
- An immersible, flow or retractable assembly
- A measuring cable(e.g. CPK9)

Options: extension cable, junction box VBA or VBM



Complete measuring system Liquisys M CPM223/253

- | | |
|-----------------------------|--|
| 1 Flow assembly CPA250 | 6 Retractable assembly Cleanfit W CPA450 |
| 2 Junction box VBA | 7 Electrode, e.g. Orbisint CPS11 |
| 3 Liquisys M CPM253 | 8 Immersion assembly CPA111 |
| 4 Measuring cable e.g. CPK9 | 9 Extension cable |
| 5 Liquisys M CPM223 | |

Measured variables	pH (analog or digital sensors) ORP Temperature
Measuring range	pH: -2 to 16 ORP: -1500 to +1500 mV / 0 to 100 % Temperature: Pt 100 -50 to +150 °C (-58 to +302 °F) Pt 1000 (versions IS / PS) -50 to +150 °C (-58 to +302 °F) NTC 30K (versions IS / PS) -20 to +100 °C (-4 to +212 °F)
Input resistance	> 10 ¹² (for nominal operating conditions) for standard sensors

