

4-channel transmitter Liquiline CM444

Expandable multiparameter field device for all industries



Meer informatie en actuele prijzen:

www.be.endress.com/CM444

Voordelen:

- **Clever simplicity:**
One controller for all parameters and applications, intuitive user interface, automatic sensor recognition, hot plug & play with pre-calibrated Memosens sensors.
- **Highest flexibility:**
Universal modules for all parameters minimize spare part stock and allow for easy 1-click extension to up to 8 channels at any time.
- **Seamless system integration:**
Unique portfolio of communication standards suits every distributed control system (DCS).
- **Simple and safe commissioning:**
Saving configuration on SD card enables fast set-up on duplicate installations.
- **Process control from a distance:**
Integrated web server that allows the operator to remotely view diagnostic data, perform configurations, or access device parameters in any web browser - even via Smartphone.
- **Higher availability, lower costs:**
Heartbeat Technology enables status-oriented maintenance and easy verification of the entire measuring point and helps to carry out optimization measures.

Overzicht specificaties

- **Input** 1 to 4x Memosens digital input 2x 0/4 to 20mA Input optional 2 to 4x Digital input optional

Output / communication 2 to 8x 0/4 to 20 mA current outputs, alarmrelay, 4x relay, ProfibusDP, Modbus RS485, Modbus TCP, Ethernet

- **Ingres protection** IP66 / IP 67

Toepassingsgebied: Liquiline CM444 is a digital multiparameter transmitter for process monitoring and controlling in any application. Modules can be added at any time to fit your process. The 4-channel controller saves you time and money by offering seamless system integration, simple operation and a reduced need for spare part stock. Liquiline CM444 provides you with all the benefits of a best-in-class transmitter platform from clever simplicity to maximum process safety.

Kenmerken en specificaties

Turbidity

Meetprincipe

Single beam scattered light

Application

Modular 4 wire controller

Multichannel: 1 to 4 digital channels for Memosens protocol

Multiparameter: pH, redox, ISFET, conductivity inductive and conductive, dissolved oxygen, nitrate and turbidity

4 sensors connectable in any combination

Functionality modular extendable at any time

Plug and play for modules and sensors

Characteristic

Robust plastic housing

All non-ex applications

Design

2 to 4x Memosens input, 2 to 8x current output

Alarmrelay, 4x relay, SD card for software update and copy & paste of setup

Turbidity

Material

Housing base: PC-FR

Housing seal: EPDM

Dimension

237 x 194 x 162 mm

9.33 x 7.64 x 6.38 inch

Process temperature

-20 to 55 °C (0 to 130 °F)

Ingres protection

IP66 / IP 67

Input

1 to 4x Memosens digital input

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Output / communication

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Additional certifications

EAC, cCSAus

ORP / Redox

Meetprincipe

Sensor ORP / Redox

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Oxygen**Meetprincipe**

Amperometric oxygen measurement

Oxygen

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Oxygen**Additional certifications**EAC, cCSAus

Disinfection**Meetprincipe**Free chlorine

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Disinfection

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Analyser

Meetprincipe

Potentiometric / ISE

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Conductivity

Meetprincipe

Potentiometric

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Sludge Level

Meetprincipe

Ultrasonic sensor

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pH

Meetprincipe

Potentiometric

pH

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pH

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