

1-/2-channel transmitter Liquiline CM442

Expandable multiparameter field device for all industries



Več informacij in aktualne cene:

www.si.endress.com/CM442

Prednosti:

- **Clever simplicity:**
One controller for all parameters and applications, intuitive user interface, automatic sensor recognition, hot plug & play with pre-calibrated Memosens sensors.
- **High flexibility:**
Universal modules for all parameters minimize spare part stock and allow for easy 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.

Lastnosti na dlani

- **Input** 1 to 2x Memosens digital input
- **Output / communication** 2 to 4x 0/4 to 20 mA current outputs
Alarmrelay, 2x relay
- **Ingres protection** IP66 / IP67

Področje uporabe: Liquiline CM442 is a digital multiparameter transmitter for process monitoring and controlling in any application. The 1-/2-channel controller saves you time and money by offering seamless system integration, simple operation and a reduced need for spare part stock. Liquiline CM442 provides you with all the benefits of a best-in-class transmitter platform from clever simplicity to maximum process safety.

Lastnosti in specifikacije

Disinfection

Merilni princip

Free chlorine

Application

Modular 4 wire controller

Multichannel: 1/2 digital channels for Memosens protocol

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

Two 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

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

2x relay, SD card for software update and copy & paste of setup

Material

Housing base: PC-FR

Housing seal: EPDM

Dimension

237 x 194 x 162 mm

9.33 x 7.64 x 7.38 inch

Disinfection**Process temperature**

-20 to 60 °C (0 to 140 °F)

Input

1 to 2x Memosens digital input

Output / communication

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Additional certifications

EAC, cCSAus, MCERTS

ORP / Redox**Merilni princip**

Sensor ORP / Redox

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ORP / Redox

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IP66 / IP67

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Sludge Level

Merilni princip

Ultrasonic sensor

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2x 0/4 to 20mA input optional
2x Digital input optional

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Alarmrelay, 2x relay, ProfibusDP, Modbus RS485, Modbus TCP, Ethernet

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Conductivity

Merilni princip

Potentiometric

Conductivity

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pH**Merilni princip**Potentiometric

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pH

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Turbidity

Merilni princip

Four beam alternating light

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Oxygen

Merilni princip

Amperometric oxygen measurement

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Analyser

Merilni princip

UV photometric

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Analyser

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