

1-/2-channel transmitter

Liquiline CM442R

Compact multiparameter DIN-rail and cabinet device for all industries



Več informacij in aktualne cene:

www.si.endress.com/CM442R

Prednosti:

- **Saves space, saves money:**
Extremely small footprint, saves space in cabinets – perfect for skids.
- **High-speed installation:**
No cut-out in cabinet door, one-click DIN-rail mounting, minimized wiring.
- **Simple and safe commissioning:**
Saving configuration on SD card enables fast set-up on duplicate installations.
- **Easy to operate and service:**
Intuitive user interface, hot plug & play with pre-calibrated Memosens sensors, universal components fit all parameters.
- **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 2x 0/4 to 20mA Input optional 2x Digital input optional
- **Output / communication** 2 to 8x 0/4 to 20 mA current outputs Alarmrelay, 2x relay, ProfibusDP, Modbus RS485, Modbus TCP, Ethernet
- **Ingres protection** Transmitter: IP20 Optional Display: IP66

Področje uporabe: Liquiline CM442R allows you to connect up to 2 Memosens sensors of your choice from over 12 measurement parameters. With its extremely compact design, it fits into any cabinet - and even offers inputs, outputs, controllers, and math modules, e.g. for cleaning control. The transmitter belongs to the Liquiline platform with standardized system integration, operation, and spare parts. Heartbeat Technology helps you find the ideal balance between measurement point availability and maintenance costs.

Lastnosti in specifikacije

Sludge Level

Merilni princip

Ultrasonic sensor

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

DIN rail housing: PC-FR

Display seal: EPDM

Sludge Level

Dimension

99 x 100 x 97 mm
3.9 x 3.94 x 3.82 inch

Process temperature

0 to 60 °C (32 to 140 °F)

Ingres protection

Transmitter: IP20
Optional Display: IP66

Input

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

Output / communication

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Additional certifications

EAC, cCSAus

Conductivity

Merilni princip

Conductive

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Oxygen

Merilni princip

Amperometric oxygen measurement

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Oxygen

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Disinfection

Merilni princip

Total chlorine

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pH**Merilni princip**

Potentiometric

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ORP / Redox

Merilni princip

Sensor ORP / Redox

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Turbidity**Merilni princip**

Single beam scattered light

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