

4-kanaals transmitter Liquiline CM444R

Uitbreidbare multiparameter DIN-rail en kastinstrument voor elke industrie



Meer informatie en actuele prijzen:

www.be.endress.com/CM444R

Voordelen:

- **Bespaart ruimte en geld:**
geringe afmetingen, 4 kanalen in één instrument, op elk moment uit te breiden en bespaart ruimte in kasten – perfect voor skids.
- **Snelle installatie:**
geen uitsnede nodig in deur van de schakelkast, one-click DIN-rail bevestiging, minimale bedrading.
- **Eenvoudige en veilige inbedrijfstelling:**
door de configuratie op een SD-kaart op te slaan kunnen de instellingen snel naar een tweede installatie worden gekopieerd.
- **Makkelijk te bedienen en te onderhouden:**
intuïtieve gebruikersinterface, hot plug & play met vooraf gekalibreerde Memosens-sensoren, universele componenten voor alle parameters.
- **Procesbewaking op afstand:**
geïntegreerde webserver die de operator in staat stelt om op afstand diagnosegegevens te bekijken, configuraties uit te voeren of toegang te krijgen tot instrumentparameters in elke webbrowser - zelfs via smartphone.
- **Hogere beschikbaarheid, lagere kosten:**
Heartbeat Technology maakt statusgericht onderhoud en eenvoudige verificatie van het gehele meetpunt mogelijk en helpt bij het uitvoeren van optimalisatiemaatregelen.

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** Transmitter: IP20 Optional Display: IP66

Toepassingsgebied: De Liquiline CM444R is een digitale multiparameter-transmitter voor procesbewaking en -besturing geschikt voor alle toepassingen - zelfs op plaatsen met weinig ruimte. U bespaart tijd en geld dankzij de snelle en eenvoudige installatie, werking en bediening. De 4-kanaals controller kan op elk moment worden uitgebreid voor gebruik met maximaal 8 sensoren om te voldoen aan de behoeften van uw proces. De Liquiline CM444R biedt u alle voordelen van een best-in-class transmitter, van slimme eenvoud tot optimale procesveiligheid.

Kenmerken en specificaties

Sludge Level

Meetprincipe

Ultrasonic sensor

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

Sludge Level**Material**

DIN rail housing: PC-FR

Display seal: EPDM

Dimension

220 x 100 x 97 mm

8.66 x 3.94 x 3.82 inch

Process temperature

0 to 55 °C (32 to 130 °F)

Ingres protection

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Optional Display: IP66

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Additional certifications

EAC, cCSAus

ORP / Redox**Meetprincipe**

Sensor ORP / Redox

ORP / Redox**Application**

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Conductivity**Meetprincipe**

Potentiometric

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Disinfection

Meetprincipe

Total chlorine

Disinfection

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Disinfection**Additional certifications**EAC, cCSAus

Turbidity**Meetprincipe**Single beam scattered light

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Oxygen

Meetprincipe

Amperometric oxygen measurement

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