

8-kanaals transmitter Liquiline CM448R

Flexibele multiparameter DIN-rail en kastinstrument voor elke industrie



Meer informatie en actuele prijzen:

www.be.endress.com/CM448R

Voordelen:

- **Bespaart ruimte, bespaart geld:**
zeer compact, 8 kanalen in één instrument, 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...8x Memosens digital input 2x 0/4..20mA Input optional
2..4x Digital input optional

▪

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

- **Ingres protection** IP20 transmitter IP66 optional Display

Toepassingsgebied: De Liquiline CM448R is een digitale multiparameter-transmitter voor procesbewaking en -besturing geschikt voor alle toepassingen - zelfs op plaatsen met weinig ruimte. Deze bespaart u tijd en geld dankzij de snelle en eenvoudige systeemintegratie, installatie en bediening. Het 8-kanaals instrument kan eenvoudig worden aangepast aan uw proces, voor 1 tot 8 sensoren. De Liquiline CM448R biedt u alle voordelen van een best-in-class transmitter, van slimme eenvoud tot optimale procesveiligheid.

Kenmerken en specificaties

Oxygen

Meetprincipe

Amperometric oxygen measurement

Application

Modular 4 wire controller

Multichannel:1-8 digital channels for Memosens protocol

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

8 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

Oxygen

Design

8x Memosens input
2...8x current output
alarmrelay
2x relay
SD card for software update and copy & paste of setup

Material

Polycarbonate

Dimension

220 (8.66) x 100 (3.94) x 98 (3.86) mm (inch)

Process temperature

-20...55°C / 0...130°F

Input

1...8x Memosens digital input
2x 0/4...20mA Input optional
2..4x Digital input optional

Output / communication

2...8x 0/4...20 mA current outputs
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ORP / Redox

Meetprincipe

Sensor ORP / Redox

ORP / Redox

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ORP / Redox**Output / communication**

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Conductivity**Meetprincipe**

Potentiometric

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Ethernet

Sludge Level

Meetprincipe

Ultrasonic sensor

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Sludge Level

Characteristic

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pH

Meetprincipe

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pH**Input**

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Disinfection**Meetprincipe**

Total chlorine

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Disinfection

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Turbidity

Meetprincipe

Single beam scattered light

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Turbidity

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