

1-/2-kanaals transmitter Liquiline CM442

Uitbreidbaar multiparameter- procesinstrument voor alle industrieën



Meer informatie en actuele prijzen:

www.be.endress.com/CM442

Voordelen:

- **Slimme eenvoud:**
één controller voor alle parameters en toepassingen, intuïtieve gebruikersinterface, automatische sensorherkenning, hot plug & play met vooraf gekalibreerde Memosens-sensoren.
- **Hoge flexibiliteit:**
universele modules voor alle parameters minimaliseren de voorraad reserveonderdelen en maken een eenvoudige uitbreiding tot maximaal 8 kanalen op elk gewenst moment mogelijk.
- **Naadloze systeemintegratie:**
de unieke set communicatiestandaarden is geschikt voor elk distributed control system (DCS).
- **Eenvoudige en veilige inbedrijfstelling:**
door de configuratie op een SD-kaart op te slaan kunnen de instellingen snel naar een tweede installatie worden gekopieerd.
- **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 2x Memosens digital input
-

Output / communication 2 to 8x 0/4 to 20 mA current outputs

Alarmrelay, 2x relay

- **Ingres protection** IP66 / IP67

Toepassingsgebied: De Liquiline CM442 is een digitale multiparameter-transmitter voor procesbewaking en -besturing en is geschikt voor alle toepassingen. De 1-/2-kanaals controller bespaart u tijd en geld door een naadloze systeemintegratie, een eenvoudige bediening en een verminderde behoefte aan reserveonderdelen. De Liquiline CM442 biedt u alle voordelen van een best-in-class transmitter, van slimme eenvoud tot optimale procesveiligheid.

Kenmerken en specificaties

ORP / Redox

Meetprincipe

Sensor ORP / Redox

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

ORP / Redox

Dimension

237 x 194 x 162 mm
9.33 x 7.64 x 7.38 inch

Process temperature

-20 to 60 °C (0 to 140 °F)

Ingres protection

IP66 / IP67

Input

1 to 2x Memosens digital input

Output / communication

2 to 8x 0/4 to 20 mA current outputs
Alarmrelay, 2x relay

Additional certifications

EAC, cCSAus, MCERTS

Turbidity

Meetprincipe

Four beam alternating light

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

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Analyser

Meetprincipe

UV photometric

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Analyser

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Sludge Level

Meetprincipe

Ultrasonic sensor

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Disinfection

Meetprincipe

Free chlorine

Disinfection

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Conductivity

Meetprincipe

Potentiometric

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Conductivity**Output / communication**

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pH**Meetprincipe**

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Oxygen

Meetprincipe

Amperometric oxygen measurement

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