

Transmissor de 4 canais Liquiline CM444

Equipamento de campo multiparâmetro expansível para todos os setores industriais



Mais informações e preço atual:

www.br.endress.com/CM444

Benefícios:

- Simplicidade inteligente: Um controlador para todos os parâmetros e aplicações, interface do usuário intuitiva, reconhecimento automático do sensor, conexão dinâmica com sensores Memosens pré-calibrados.
- A mais alta flexibilidade: Módulos universais para todos os parâmetros minimizam o estoque de peça de reposição e permite a extensão fácil com apenas 1 clique de até 8 canais de uma única vez.
- Perfeita integração do sistema: Padrões de portfólio de comunicação exclusivos atendem todo sistema de controle distribuído (DCS).
- Comissionamento simples e seguro: multiplicação conveniente da configuração para outros equipamentos com cartão SD economiza tempo e minimiza o esforço.
- Controle de processo e segurança: servidor de rede integrado que permite que o operador visualize remotamente os dados de diagnóstico, realize configurações ou acesse os parâmetros de equipamento em qualquer navegador de rede, mesmo por meio de Smartphone.

Especificações resumidas

- **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** IP66 / IP 67

Campo de aplicação: Liquiline CM444 é um transmissor digital multiparâmetro para monitoramento e controle de processo em qualquer aplicação. Os módulos podem ser adicionados a qualquer momento para

atender seu processo. O controlador de 4 canais economiza tempo e dinheiro oferecendo total integração do sistema, operação simples e menos necessidade de estoque de peças de reposição. O Liquiline CM444 oferece a você todos os benefícios da melhor plataforma de transmissor em sua categoria a partir de simplicidade inteligente e máxima segurança de processo.

Características e especificações

Conductivity

Measuring principle

Potentiometric

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

Material

Housing base: PC-FR

Housing seal: EPDM

Dimension

237 x 194 x 162 mm

9.33 x 7.64 x 6.38 inch

Conductivity

Process temperature

-20 to 55 °C (0 to 130 °F)

Ingres protection

IP66 / IP 67

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

Additional certifications

EAC, cCSAus

Disinfection

Measuring principle

Free chlorine

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Disinfection

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Material

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Sludge Level

Measuring principle

Ultrasonic sensor

Sludge Level

Application

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Sludge Level**Output / communication**

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pH**Measuring principle**

Potentiometric

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Characteristic

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Material

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Housing seal: EPDM

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pH

Process temperature

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Additional certifications

EAC, cCSAus

Analyser

Measuring principle

Potentiometric / ISE

Characteristic

Robust plastic housing

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Design

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Alarmrelay, 4x relay, SD card for software update and copy & paste of setup

Process temperature

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Analyser

Application

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Oxygen

Measuring principle

Amperometric oxygen measurement

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All non-ex applications

Oxygen**Design**

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ORP / Redox**Measuring principle**

Sensor ORP / Redox

ORP / Redox**Application**

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ORP / Redox**Output / communication**

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Turbidity**Measuring principle**

Single beam scattered light

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Turbidity

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