

1 채널 트랜스미터 Liquiline M CM42

방폭 및 비 방폭 지역과 화학, 생명과학 및 식품 산업을 위한 2선식 현장 계기



추가 정보 및 현재 가격:

www.kr.endress.com/CM42

장점:

- 신속한 설정과 내비게이터를 통한 간단한 시운전
- Memosens 기술을 탑재하여 사전 교정된 Memosens 센서를 통해 플러그 앤 플레이 지원
- 모듈식 설계로 필요한 보관 공간 감소
- 센서의 세척, 교정 및 교체를 안내해주는 예측 유지보수 시스템

사양 정보

- **Input** One or two channel transmitter (with one reference connection)
- **Output / communication** 1/2 x 4 to 20 mA, HART, Profibus PA, FF Additional second output possible, also later
- **Ingress protection** IP66/67, NEMA 4X

적용 분야: Liquiline M CM42는 모든 프로세스 어플리케이션에서 pH/ORP, 전도도 또는 산소 측정을 위한 견고한 트랜스미터로, 위생 어플리케이션, 방폭 지역, 기능 안전 지역 등 까다로운 환경을 위한 최고의 선택입니다.

Liquiline은 직관적인 작동 방식으로 시운전, 취급 및 유지보수를 간소화해 시간을 절약할 수 있습니다. 손쉬운 파라미터 전환과 시스템 통합으로 측정 작업에 따라 간편하게 조정할 수 있습니다.

특징 및 사양

Conductivity

측정 원리

Potentiometric

Conductivity

Application

Chemical processes, pharmaceuticals industry, foodstuff technology, applications in hazardous areas

Characteristic

Liquiline M CM42 is a modular two-wire transmitter for all areas of process engineering

Measuring principle

Resistance measurement

Design

Depending on the ordered version, Liquiline M CM42 has one or two analog current outputs or it can be connected to field busses as per FOUNDATION Fieldbus, PROFIBUS PA and HART protocol
Liquiline is developed acc. to the international safety standard IEC 61508

Material

Plastic or stainless steel housing with EPDM sealings

Dimension

Plastic housing:
144 x 144 x 148 mm
5.67 x 5.67 x 5.83 inch
Stainless Steel:
174 x 174 x 134 mm
6.85 x 6.85 x 5.28 inch

Temperature sensor

Applicable:
Pt100, Pt1000

Ex certification

ATEX, IECEx, FM, CSA, NEPSI, EAC, UKEx, JPN Ex

Ingres protection

IP66/67, NEMA 4X

Conductivity**Input**

One or two channel transmitter (with one reference connection)

Output / communication

1/2 x 4 to 20 mA, HART, Profibus PA, FF
Additional second output possible, also later

pH**측정 원리**

Potentiometric

Application

Chemical processes, pharmaceuticals industry, foodstuff technology,
applications in hazardous areas

Characteristic

Liquiline M CM42 is a modular two-wire transmitter for all areas of
process engineering

Measuring principle

Potentiometric pH measurement

Design

Depending on the ordered version, Liquiline M CM42 has one or two
analog current outputs or it can be connected to field busses as per
FOUNDATION Fieldbus, PROFIBUS PA and HART protocol
Liquiline is developed acc. to the international safety standard IEC 61508

Material

Plastic or stainless steel housing with EPDM sealings

Dimension

Plastic housing:
144 x 144 x 148 mm
5.67 x 5.67 x 5.83 inch
Stainless Steel:
174 x 174 x 134 mm
6.85 x 6.85 x 5.28 inch

pH

Temperature sensor

Applicable:

Pt100, Pt1000, NTC 30K

Ex certification

: ATEX, IECEx, FM, CSA, NEPSI, EAC, UKEx, JPN Ex

Ingres protection

IP66/67, NEMA 4X

Input

One or two channel transmitter (with one reference connection)

Output / communication

1/2 x 4 to 20 mA, HART, Profibus PA, FF

Additional second output possible, also later

ORP / Redox

측정 원리

Sensor ORP / Redox

Application

Chemical processes, pharmaceuticals industry, foodstuff technology, applications in hazardous areas

Characteristic

Liquiline M CM42 is a modular two-wire transmitter for all areas of process engineering

Measuring principle

ORP measurement

Design

Depending on the ordered version, Liquiline M CM42 has one or two analog current outputs or it can be connected to field busses as per FOUNDATION Fieldbus, PROFIBUS PA and HART protocol

Liquiline is developed acc. to the international safety standard IEC 61508

ORP / Redox

Material

Plastic or stainless steel housing with EPDM sealings

Dimension

Plastic housing:

144 x 144 x 148 mm

5.67 x 5.67 x 5.83 inch

Stainless Steel:

174 x 174 x 134 mm

6.85 x 6.85 x 5.28 inch

Temperature sensor

Applicable:

Pt100, Pt1000, NTC 30K

Ex certification

ATEX, IECEx, FM, CSA, NEPSI, EAC, UKEx, JPN Ex

Ingres protection

IP66/67, NEMA 4X

Input

One or two channel transmitter (with one reference connection)

Output / communication

1/2 x 4 to 20 mA, HART, Profibus, FF

Additional second output possible, also later

Oxygen

측정 원리

Amperometric oxygen measurement

Application

Chemical processes, pharmaceuticals industry, foodstuff technology, applications in hazardous areas

Oxygen

Characteristic

Liquiline M CM42 is a modular two-wire transmitter for all areas of process engineering

Measuring principle

Connection of oxygen sensors with Memosens coupling

Design

Depending on the ordered version, Liquiline M CM42 has one or two analog current outputs or it can be connected to field buses as per FOUNDATION Fieldbus, PROFIBUS PA and HART protocol
Liquiline is developed acc. to the international safety standard IEC 61508

Material

Plastic or stainless steel housing with EPDM sealings

Dimension

Plastic housing:
144 x 144 x 148 mm
5.67 x 5.67 x 5.83 inch
Stainless Steel:
174 x 174 x 134 mm
6.85 x 6.85 x 5.28 inch

Ex certification

ATEX, IECEX, FM, CSA, NEPSI, EAC, UKEx, JPN Ex

Ingres protection

IP66/67, NEMA4X

Input

One or two channel transmitter (with one reference connection)

Output / communication

1/2 x 4 to 20 mA, HART, Profibus PA, FF
Additional second output possible, also later

추가 정보 www.kr.endress.com/CM42