

1-channel transmitter

Liquiline CM14

Compact panel device for the food, power, water and wastewater industries



Benefits:

- Saves space, saves money: Good price-performance ratio and small footprint – perfect for skids.
- Easy to operate: Plug & play with pre-calibrated Memosens sensors.
- Reliable and safe measurement: Memosens technology offers digital signal transmission and sensor check system.

Specs at a glance

- **Input** One-channel-transmitter
- **Output / communication** 0/4-20mA
- **Ingres protection** Front IP65 , NEMA 4X, Body IP20

More information and current pricing:

www.mesc.endress.com/CM14

Field of application: Liquiline CM14 is a basic transmitter that offers all that you need to run a standard measuring point. It fits in the common cabinet cut-outs and is easy to commission thanks to Memosens digital technology. The Memosens hot plug and play concept allows you to quickly install and configure your digital pH/ORP, conductivity or dissolved oxygen sensors. Liquiline CM14 is compact, easy-to-operate, and cost efficient.

Features and specifications

pH

Measuring principle

Potentiometric

Application

Water, waste water

pH

Characteristic

4-wire transmitter with a two-line display

Measuring principle

pH/ORP transmitter for digital Memosens sensors.

Design

panel housing (48x96 mm)

Material

panel housing, polycarbonate
front membrane polyester

Dimension

48 mm x 96 mm x 152 mm (built in depth)
3.74x3.74x5.98 inch (built in depth)

Temperature sensor

Display and current output

Ex certification

no

Ingres protection

Front IP65 , NEMA 4X, Body IP20

Input

One-channel-transmitter

Output / communication

0/4-20mA

Additional certifications

CSA C/US general purpose
UL listed

Oxygen

Measuring principle

Amperometric oxygen measurement

Application

Water, waste water

Characteristic

4-wire transmitter with a two-line display

Measuring principle

disolved oxygen transmitter for digital Memosens sensors.

Design

panel housing (48x96 mm)

Material

panel housing, polycarbonate
front membrane polyester

Dimension

48 mm x 96 mm x 152 mm (built in depth)
3.74x3.74x5.98 inch (built in depth)

Temperature sensor

Display and current output

Input

One-channel-transmitter

Output / communication

0/4-20mA

Additional certifications

CSA C/US general purpose
UL gelistet

ORP / Redox

Measuring principle

Sensor ORP / Redox

Application

Water, waste water

Characteristic

4-wire transmitter with a two-line display

Measuring principle

pH/ORP transmitter for digital Memosens sensors.

Design

panel housing (48x96 mm)

Material

panel housing, polycarbonate
front membrane polyester

Dimension

48 mm x 96 mm x 152 mm (built in depth)
3.74x3.74x5.98 inch (built in depth)

Temperature sensor

Display and current output

Ex certification

no

Ingres protection

Front IP65 , NEMA 4X, Body IP20

Input

One-channel-transmitter

Output / communication

0/4-20mA

ORP / Redox

Additional certifications

CSA C/US general purpose

UL listed

Conductivity

Measuring principle

Conductive

Application

Water, waste water

Characteristic

4-wire transmitter with a two-line display

Measuring principle

conductivity transmitter for digital Memosens sensors.

Design

panel housing (48x96 mm)

Material

panel housing, polycarbonate

front membrane polyester

Dimension

48 mm x 96 mm x 152 mm(built in depth)

3.74x3.74x5.98 inch (built in depth)

Temperature sensor

Display and current output

Ex certification

no

Ingres protection

Front IP65 , NEMA 4X, Body IP20

Conductivity

Input

One-channel-transmitter

Output / communication

0/4-20mA

Additional certifications

CSA C/US general purpose

UL listed

More information www.mesc.endress.com/CM14