

# 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.th.endress.com/CM14](http://www.th.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

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## Oxygen

**Measuring principle**

Amperometric oxygen measurement

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**Application**

Water, waste water

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**Characteristic**

4-wire transmitter with a two-line display

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**Measuring principle**

disolved oxygen transmitter for digital Memosens sensors.

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**Design**

panel housing (48x96 mm)

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**Material**

panel housing, polycarbonate  
front membrane polyester

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**Dimension**

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

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**Temperature sensor**

Display and current output

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**Input**

One-channel-transmitter

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**Output / communication**

0/4-20mA

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**Additional certifications**

CSA C/US general purpose  
UL gelistet

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## ORP / Redox

**Measuring principle**

Sensor ORP / Redox

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**Application**

Water, waste water

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**Characteristic**

4-wire transmitter with a two-line display

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**Measuring principle**

pH/ORP transmitter for digital Memosens sensors.

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**Design**

panel housing (48x96 mm)

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**Material**

panel housing, polycarbonate  
front membrane polyester

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**Dimension**

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

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**Temperature sensor**

Display and current output

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**Ex certification**

no

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**Ingres protection**

Front IP65 , NEMA 4X, Body IP20

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**Input**

One-channel-transmitter

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**Output / communication**

0/4-20mA

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## 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

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### Output / communication

0/4-20mA

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### Additional certifications

CSA C/US general purpose

UL listed

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More information [www.th.endress.com/CM14](http://www.th.endress.com/CM14)