

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

## 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

---

**Oxygen****Measuring principle**Amperometric oxygen measurement

---

**Application**Water, waste water

---

**Characteristic**4-wire transmitter with a two-line display

---

**Measuring principle**dissolved 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

---

## Oxygen

### Input

One-channel-transmitter

---

### Output / communication

0/4-20mA

---

### Additional certifications

CSA C/US general purpose

UL gelistet

---

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