

# Multichannel transmitter Liquiline CM44P

## Multiparameter device for process photometers and Memosens sensors



More information and current pricing:

[www.endress.com/CM44P](http://www.endress.com/CM44P)

### Benefits:

- Intelligent design: One controller for all parameters including process photometers
- Cost-saving and comfortable set-up of measuring points: Combine up to two process photometers and four Memosens sensors for a perfect fit to your application
- Easy to operate and calibrate thanks to intuitive user interface and menu guidance
- Seamless integration into distributed control systems thanks to digital fieldbus protocols such as Modbus, PROFIBUS and EtherNet/IP
- Process control and safety: Integrated web server that allows the operator to remotely view diagnostic data, perform configurations, or access device parameters in any web browser - even via Smartphone.
- Available as DIN-rail version for applications with limited mounting space - perfect for system integrators and skids

### Specs at a glance

- **Ingres protection** Cabinet device: IP20 shock protection External display: IP66 Field device: IP 66/67

**Field of application:** Liquiline CM44P is the first transmitter that gives you the opportunity of combining process photometers and Memosens sensors. It facilitates the setup of complete measuring points for monitoring processes such as chromatography, fermentation, phase separation and filtration. The transmitter saves time and money by offering seamless system integration, simple operation and a reduced need for spare part stock. Liquiline CM44P brings all benefits of the Liquiline platform to process photometers.

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## Features and specifications

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### Concentration

**Measuring principle**

MIR Spectroscopy

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**Application**

Transmitter for process photometer and Memosens sensors

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**Characteristic**

Robust plastic housing  
All non-ex applications

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**Measurement range**

Photometer:

OUSAF12, OUSAF21, OUSAF22, OUSAF44, OUSAF46:

0 to 2.5 AU

Max. 50 OD (depending on the optical path length)

OUSAF11:

0 to 3 AU

0 to 6 OD (depending on the optical path length)

OUSTF10:

0 to 200 FTU

0 to 200 ppm DE

OUSBT66:

0 to 4 AU

0 to 8 OD (depending on the optical path length)

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**Design**

1 or 2 process photometer, 0 to 4 Memosens Input

2 to 8x current output, alarmrelay, 4x relay, SD card for software update  
and copy & paste of setup

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**Material**

Housing base and DIN rail housing: PC-FR

Housing seal and display seal: EPDM

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## Concentration

### Ingres protection

Cabinet device: IP20 shock protection

External display: IP66

Field device: IP 66/67

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