

1-channel transmitter

Liquiline Compact CM82

Multiparameter field device for hazardous and non-hazardous applications in all industries



More information and current pricing:

www.us.endress.com/CM82

Benefits:

- **Easy operation:**
Use your existing tablets and smartphones for operation and commissioning.
- **Fast and reliable:**
A secure Bluetooth connection allows you to check measuring points that are dangerous or difficult to access from a safe distance.
- **Benefit from all the advantages of Memosens technology:**
Memosens sensors offer you the safest data transmission, the highest measured value availability and total ease of use.
- **Space-saving installation:**
The two-wire device fits inside an assembly and does not require its own power supply.
- **Suitable for all locations:**
Whether your measuring point is exposed to dust, vapor, rain, snow, heat or cold, the CM82 will always be exactly the right transmitter for you.

Specs at a glance

- **Input** One channel transmitter
- **Output / communication** 4 to 20 mA, HART
- **Ingres protection** IP67, IP68, NEMA Type 6

Field of application: The Liquiline Compact CM82 is the smallest transmitter for Memosens sensors. Its slender housing measures only 11 cm long and 2 cm wide, including a connection to which you can attach your sensor directly, without a cable. Together with the sensor, it fits into most assemblies and couldn't be easier to install. Via a uniquely secure Bluetooth connection, you can see all nearby CM82 measuring points on

your tablets or smartphones and operate them conveniently from a distance.

Features and specifications

pH

Measuring principle

Potentiometric

Application

All sectors, supporting all sensors with the blue Memosens plug-in head, environmental sector

Installation

Connection of digital sensors with Memosens-Protocol

Characteristic

Liquiline CM82 is a two-wire transmitter for all areas of process engineering

Design

Liquiline CM82 is optionally equipped with Bluetooth for comfortable remote commissioning via Smartphone/Tablets

Material

Housing, cover: Peek 151

Strain relief: EPDM

Axial ring Peek 450 G

Dimension

Diameter: 18.95 mm (0.75 inch)

Length: 114.7 mm (4.52 inch)

Connection

Connection of digital sensors with Memosens-Protocol

Ingres protection

IP67, IP68, NEMA Type 6

pH

Input

One channel transmitter

Output / communication

4 to 20 mA, HART

Additional certifications

CE, CSA C/US GP

ORP / Redox

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Oxygen

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Potentiometric

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