1-channel transmitter
Liquiline Compact CM72

Single-parameter field device for hazardous and non-hazardous applications in all industries

More information and current pricing:

www.endress.com/CM72

Benefits:

- **Space-saving installation:**
  The two-wire device fits inside an assembly and does not require its own power supply.
- **Fast start-up:**
  Thanks to its fixed configuration, the CM72 does not have to be commissioned and can quickly start its work.
- **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.
- **On-site diagnostics:**
  The status of the transmitter and the connected sensor are indicated with a red/green LED.
- **Suitable for all locations:**
  Whether your measuring point is exposed to dust, vapor, rain, snow, heat or cold, the CM72 will always be exactly the right transmitter for you.

Specs at a glance

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

Field of application: The Liquiline Compact CM72 is a small transmitter for Memosens sensors. It is the right choice for you if installation space is limited and you don't need the flexibility of a multiparameter device. Together with the sensor, it fits into most assemblies and couldn't be easier to install. The measuring parameter and measuring range are

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already defined during the ordering process, making the CM72 immediately ready for use with a high degree of safety against operating errors.

Features and specifications

pH

Measuring principle

Potentiometric

Application

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

Installation

Connection of digital sensors with Memosens-Protocol

Characteristic

Liquiline CM72 is a fixed configured two-wire transmitter for all areas of process engineering

Measurement range

pH Sensor: 0 to 14 pH

Design

Peek housing

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

pH

Ingres protection
IP67, IP68, NEMA Type 6

Input
One channel transmitter

Output / communication
4 to 20 mA

Additional certifications
CE, CSA C/US GP

Conductivity

Measuring principle
Potentiometric

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

Installation
Connection of digital sensors with Memosens-Protocol

Characteristic
Liquiline CM72 is a fixed configured two-wire transmitter for all areas of process engineering

Measurement range
Conductivity sensors: 0 to 500 mS/cm

Design
Peek housing

Material
Housing, cover: Peek 151
Strain relief: EPDM
Axial ring: Peek 450 G

Conductivity

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

Input

One channel transmitter

Output / communication

4 to 20 mA

Oxygen

Measuring principle

Potentiometric

Application

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

Installation

Connection of digital sensors with Memosens-Protocol

Characteristic

Liquiline CM72 is a fixed configured two-wire transmitter for all areas of process engineering

Measurement range

Oxygen sensors: 0 to 20 mg/l

Design

Peek housing

Oxygen

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

Input

One channel transmitter

Output / communication

4 to 20 mA

ORP / Redox

Measuring principle

Potentiometric

Application

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

Installation

Connection of digital sensors with Memosens-Protocol

Characteristic

Liquiline CM72 is a fixed configured two-wire transmitter for all areas of process engineering

Measurement range

ORP sensors: -1500 mV to 1500 mV

Design

Peek housing

ORP / Redox

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

Input

One channel transmitter

Output / communication

4 to 20 mA

More information **www.endress.com/CM72**

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