

## Digital conductivity sensor Memosens CLL47E

Memosens 2.0 four-electrode sensor for laboratory and sample measurement in the field with wide measuring range



### Benefits:

- Wide range of measurement allows for analysis of many different samples
- Precise adjustment and reliable measurement with a quality certificate stating individual cell constant
- Easy to clean thanks to seamless design
- Solid platinum electrodes provide easy maintenance and long lifetime
- Benefit from Memosens 2.0 technology with implemented cell constant, true plug and play and traceable calibration history
- Integrated temperature sensor for automatic temperature compensation
- Supports the requirements of quality management with tamper-proof data storage including serial number and calibration history

More information and current pricing:

[www.endress.com/CLL47E](http://www.endress.com/CLL47E)

### Specs at a glance

- **Measuring range** 5  $\mu\text{S}/\text{cm}$  to 200  $\text{mS}/\text{cm}$
- **Process temperature** 0 to 100  $^{\circ}\text{C}$  (32 to 212  $^{\circ}\text{F}$ )
- **Process pressure** 1 bar, not intended for continuous measurement in process

**Field of application:** Memosens CLL47E is the four-electrode conductivity sensor for random sampling and measurements in the laboratory. It merges easy handling with plug and play system with effortless cleaning thanks to the seamless design. With its platinum electrodes and wide measuring range, a large variety of samples can be covered while delivering reliable measurements right at the measuring point.

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## Features and specifications

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### Conductivity

**Measuring principle**

Conductive

**Application**

Measurements where a broad conductivity measurement range in one system is needed

**Characteristic**

Digital Memosens 2.0 conductive conductivity sensor with four platinum electrodes for a broad measuring range.

**Measuring range**

5  $\mu\text{S}/\text{cm}$  to 200  $\text{mS}/\text{cm}$

**Material**

Stainless steel, ceramic, platinum

**Dimension**

Diameter: 12 mm (0.47 inch)

Shaft length: 120 mm (4.72 inch)

**Process temperature**

0 to 100 °C (32 to 212 °F)

**Process pressure**

1 bar, not intended for continuous measurement in process

**Temperature sensor**

Pt1000

**Connection**

Inductive, digital connection head with Memosens 2.0 technology

**Ingress protection**

IP68

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