

# Analog conductivity sensor Condumax CLS19

Conductive conductivity sensor for simple standard applications in pure and ultrapure water



More information and current pricing:

[www.ca.endress.com/CLS19](http://www.ca.endress.com/CLS19)

## Benefits:

- Reliable and accurate measuring values at low conductivities
- Best price-performance ratio
- Easy installation with threaded connection
- Robust design for high durability
- Different cell constants provide a wide measuring range

## Specs at a glance

- **Measurement range** k=0,01: 0-20  $\mu\text{S}/\text{cm}$  k=0,1: 0-200  $\mu\text{S}/\text{cm}$
- **Process temperature** max. 60°C max. 140°F
- **Process pressure** max. 6 bar at 20°C (max.87 psi at 68°F)

**Field of application:** Condumax CLS19 measures conductivity in the low measuring ranges. It performs reliably and accurately in a wide range of applications. Designed for low maintenance and a long operating life, the sensor offers you best value for money.

## Features and specifications

### Conductivity

#### Measuring principle

Conductive

#### Application

Pure and ultrapure water

#### Characteristic

2-electrode conductivity cell for pure water applications.

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## Conductivity

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### Measurement range

k=0,01: 0-20  $\mu\text{S}/\text{cm}$

k=0,1: 0-200  $\mu\text{S}/\text{cm}$

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### Measuring principle

Conductive conductivity cell.

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### Design

2-electrode conductivity cell with coaxially arranged electrodes

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### Material

Cell shaft: PES

Electrode: Stainless steel 1.4571

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### Dimension

Electrode diameter: 16 mm

(0.62 inch)

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### Process temperature

max. 60°C

max. 140°F

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### Process pressure

max. 6 bar at 20°C

(max.87 psi at 68°F)

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### Temperature sensor

Optional with integrated Pt100

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### Connection

Process connection: NPT 1/2"

cable:4-pole DIN-connector with Pg9

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### Ingres protection

IP65

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### Additional certifications

Quality certification

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## Conductivity

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