

Analog conductivity sensor Condumax CLS19

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



More information and current pricing:

www.be.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.

Conductivity

Measurement range

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

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

Measuring principle

Conductive conductivity cell.

Design

2-electrode conductivity cell with coaxially arranged electrodes

Material

Cell shaft: PES

Electrode: Stainless steel 1.4571

Dimension

Electrode diameter: 16 mm

(0.62 inch)

Process temperature

max. 60°C

max. 140°F

Process pressure

max. 6 bar at 20°C

(max.87 psi at 68°F)

Temperature sensor

Optional with integrated Pt100

Connection

Process connection: NPT 1/2"

cable:4-pole DIN-connector with Pg9

Ingres protection

IP65

Additional certifications

Quality certification

Conductivity

More information www.be.endress.com/CLS19