

ZIRKON® ONE EC

Sensor for conductivity



The ZIRKON® ONE EC is a universal conductivity sensor for water treatment and process water applications. It utilizes a uniform 8-pole Snap-In Connector for quick installation, while integrated memory stores calibration values and sensor identification. Built-in diagnostic functions track operating time and temperature conditions, ensuring system reliability. ZIRKON® ONE sensors are designed exclusively for use with the NEON® ONE platform and are not compatible with other systems.

- Low maintenance and long service life
- Low corrosion susceptibility
- Perfectly suited for all disinfectant application

 Desinfection
  Food & Beverage
  Industrial Water
  Pool & Spa

Article number: S25130002K

Technical data

Measurement

Measuring parameter	Conductivity
Measuring range	0..3.000 mS/cm
Tolerance	±2% of the reading or 15µS/cm (whichever is higher)

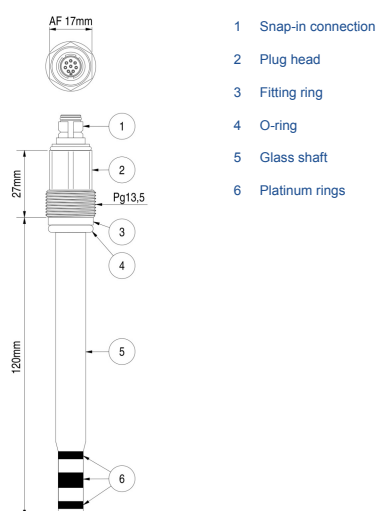
Process condition

Maximum pressure	<6 bar at 20 °C
Temperature range	-5..+70 °C
Storage temperature	+5..+30 °C

Mechanical construction

Plug	Snap-in
Process connection	PG 13.5
Electrical connection	8-pole
Memory chip	Yes
Shaft material	Glass
Installation depth	120 mm
Shaft diameter	12 mm
Electrode material	Platinum rings
Temperature probe	Pt1000

Mechanical drawing





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