

## ZIRKON® ONE EC: S25130002K

### General description



The ZIRKON® ONE EC is a high-accuracy conductivity sensor, designed for electrical conductivity measurement in water treatment and industrial applications. It features a uniform 8-pole Snap-In Connector for quick installation, with integrated memory for calibration data storage and sensor identification. Advanced diagnostics provide real-time monitoring of operational hours and exceeded temperature conditions, ensuring long-term 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
- High precision at low conductivities

#### Typical applications



Desinfection



Food & Beverage



Industrial Water



Pool & Spa

### Technical data

#### Measurement

Measuring parameter	Conductivity
Measuring range	0..2000 µS
Tolerance	±2% of the reading

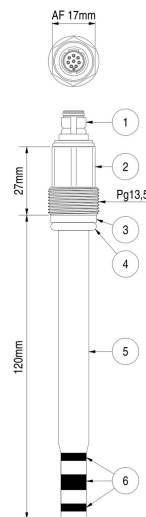
#### Process condition

Maximum pressure	<6 bar at 20 °C
Temperature range	0..+50 °C
Storage temperature	0..+30 °C

#### Mechanical construction

Plug	Snap-in
Process connection	PG 13.5
Electrical connection	8-pole
Memory chip	Yes
Metal lead	Ag/AgCl
Shaft material	Glass
Installation depth	120 mm
Shaft diameter	12 mm
Temperature probe	None
Solution ground	None

#### Mechanical drawing



- 1 Snap-in connection
- 2 Plug head
- 3 Fitting ring
- 4 O-ring
- 5 Glass shaft
- 6 Platinum rings