

ZIRKON® ONE SULFITE: S25135151K

General description



The ZIRKON® ONE SULFITE is a digital sensor for sulfite concentration measurement, optimized for chemical dosing and process control in industrial applications. It features a uniform 8-pole Snap-In Connector for blind and one-hand installation, with integrated memory for calibration data and sensor tracking. Advanced diagnostics monitor operational hours and temperature fluctuations, ensuring precise and stable readings. ZIRKON® ONE sensors are designed exclusively for use with the NEON® ONE platform and are not compatible with other systems. 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
- Not refillable and no membrane change
- Robust material & easy to clean

Typical applications



Desinfection



Food & Beverage



Industrial Water



Pool & Spa

Technical data

Measurement

Measuring parameter	Sulfite concentration
Measuring range	0..20ppm
Tolerance	± 1ppm

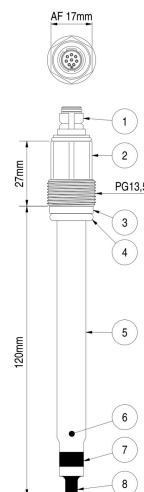
Process condition

Maximum pressure	<6 bar at 20 °C
Temperature range	0..+50 °C
Minimum conductivity	>50 µS/cm
Storage temperature	0..+30 °C

Mechanical construction

Plug	Snap-in
Process connection	PG 13.5
Electrical connection	8-pole
Memory chip	Yes
Reference electrolyte	Tepox gel 3M KCl
Metal lead	Ag/AgCl
Shaft material	Glass
Installation depth	120 mm
Shaft diameter	12 mm
Junction	Zircon
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 Zircon junction
- 7 Platinum ring
- 8 Carbon rod