

ZIRKON® ORP Universal

Sensor for redox potential



The ZIRKON® ONE ORP Universal is a universal oxidation-reduction potential (ORP) sensor, providing reliable redox potential measurement for industrial and water treatment 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.

- Low maintenance and long service life
- Robust material & easy to clean
- Low corrosion susceptibility

 Desinfection
  Food & Beverage
  Industrial Water
  Pool & Spa

Article number: S25135220K

Technical data

Measurement

Measuring parameter	Redox potential (ORP)
Measuring range	-1500..+1500 mV

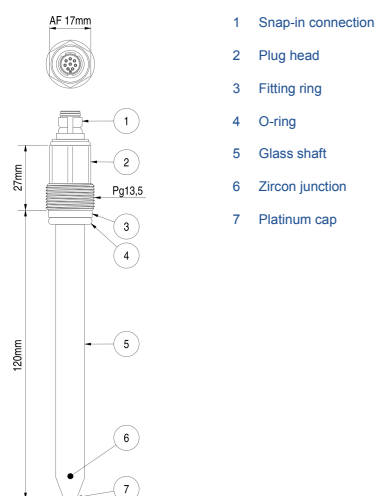
Process condition

Maximum pressure	<6 bar at 20 °C
Temperature range	-5..+70 °C
Minimum conductivity	>50 µS/cm
Storage temperature	+5..+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
Electrode material	Platinum cap

Mechanical drawing





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