

ZIRKON® ONE pH Universal: S25131110K

General description



The ZIRKON® ONE pH Universal is a high-precision pH sensor designed for universal water quality applications. It features a uniform 8-pole snap-In connector for easy integration into the NEON® ONE platform and supports one-hand and blind installation. With integrated memory, it stores calibration data and sensor identification, while advanced diagnostics track operational hours and exceeded temperature conditions. 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
- High accuracy through the use of high alkali glass
- High quality Zirkon junction for reliable measurement results

Typical applications



Desinfection



Food & Beverage



Industrial Water



Pool & Spa

Technical data

Measurement

Measuring parameter	pH
Measuring range	0..14

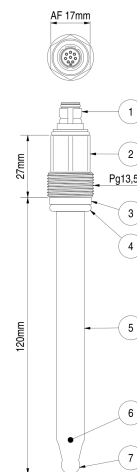
Process condition

Maximum pressure	<6 bar at 20 °C
Temperature range	-5..+70 °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	Zirkon
Membrane glass	AH-glass
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 Zirkon junction
- 7 Glass membrane