

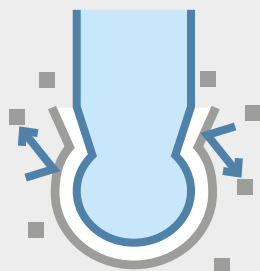
SE565

Low-Maintenance ORP Sensor with Platinum Electrode and Gel Electrolyte for Hygiene and Sterile Applications



Particularly well-suited for the food and pharmaceutical industries, biotechnology or galvanic systems

The SE565 is designed for measuring ORP values in industrial processes and is equipped with an integrated temperature detector. The pressurized reference system with gel electrolyte is in contact with the measured medium via a ceramic junction. The sensor is suitable for sterilization with steam and has a reference system that was developed for use in food and pharmaceutical products. The sensor with the advanced Memosens II technology by Knick is designed for higher ambient temperatures.



Reliable Measurement Technology

- Modern gel electrolyte
- Integrated temperature detector
- Ceramic junction

For Demanding Media

- For highly contaminated media containing sulfides and protein
- For processes containing solvent

Memosens II by Knick

- Ambient temperature up to 100 °C
- Ex approval for gas and dust

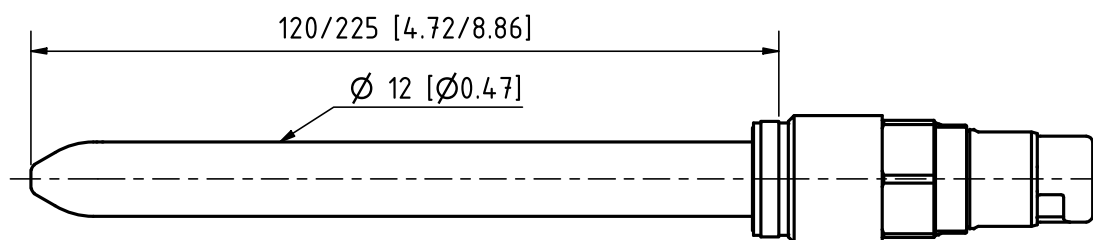
Specifications (Excerpt)

Excerpt from the user manual. Detailed information → knick-international.com

Measuring range	
pH	±1500 mV
Process temperature	0...135 °C (32...275 °F)
Process Pressure	-1...6 bar (-14.5...87 psi)
Temperature detector	NTC 30 kΩ
Wetted materials	
Body	Glass
Junction	1× ceramic
Electrolyte	Gel, pressurized
Sensor tip	Platinum
Reference system	Ag/AgCl with silver ion trap
Process connection	PG 13.5
Tightening torque	1...3 Nm
Electrical connection	Memosens connector
Dimensions	See the dimension drawing

Dimension Drawing

Note: All dimensions are listed in millimeters [inches].



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Subject to change.