

Sensors for pH Measurement

Chem

Energy

Pharm

Food



SE 564 ORP Sensor

Heavy duty ORP sensor providing high reliability and precision

Heavy duty ORP sensor designed for highly contaminated media with pressure fluctuations. The state-of-the-art polymer electrolyte of the reference system provides good long-term stability.

The 2-hole junction prevents blocking also in waste water containing solid impurities.

Facts

- polymer electrolyte
- 2-hole junction – no blocking
- for industrial sewages
- suitable for solvent-containing processes

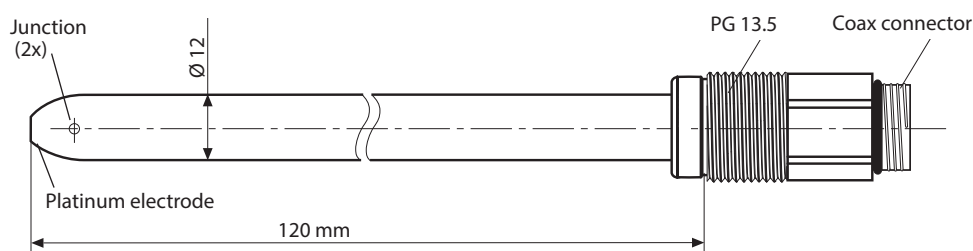
Applications

Industrial applications, dyes, precipitation reactions, polluted media

Specifications

ORP:	–1500 mV ... +1500 mV
Temperature:	0 ... 130 °C
Pressure, relative:	0 ... 10 bar
Sensor material:	platinum
Reference system:	Ag/AgCl, polymer electrolyte
Junction:	hole (2 x)
Length:	120 mm
Process adaptation:	PG 13.5
Sensor connector:	Coax
ATEX marking:	II 1/2 G Ex ia IIC T3 / T4 / T6 Ga/Gb

Dimension Drawing



All dimensions in mm

Product Range	Length	Order No.
SE 564 ORP sensor	120 mm	SE 564X/1-NS8N

Cable	Length	Order No.
AS9 cable	5 m	ZU 0318

Buffer Solutions		Order No.
Redox buffer solution (220 mV, pH 7)	250 ml	ZU 0317