Industrial applications electrodes pH - ORP



- Combined electrodes (measurement + reference)
- For connectors type S7
- Gel electrolyte



9308 RP2

9308 RP

DESIGN

Reference system:

When no specific mention applies, our electrodes use a reference system as Ag/ AgCl with a porous reference junction in ceramic: theoretical zero is at pH 7 (0 mV). Theoretical gain is close to 58 mV per pH units (at 20 °C). Fluid conductivity must be over 50 µS/cm

pH combined electrodes:

Glass and reference electrodes are always as a combination system. The measuring electrode is totally protected by the surrounding low resistive electrolyte from the reference electrode. The measuring area corresponds to special glass bulb end.

ORP combined electrodes:

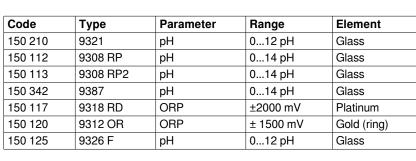
For these electrodes, the glass bulb is replaced by a metallic element, in platinum or gold. Gold is mainly used for ORP measurement in liquids containing cyanides.

DIMENSIONS - MOUNTING

All our electrodes have a S8 plug to receive a coaxial connector ref. 9054. Safe fitting and water tightness is ensured with a threaded connector type Pg 13.5. Our industrial electrodes fit on adapted electrode holders, in order to protect them and for optimized measurements.

For immersion in tank please see the data-sheets 130-01, 135-01 and 145-01. For in-line flow through cells see the data-sheets: 140-01, 140-02, 141-01 and 142-01.





Code	P max.	T° max.	Junction	PG 13.5
150 210	6 bar	-30+30 °C	Ceramic (x3)	Fixed
150 112	6 bar	-5+60 °C	Ceramic (x1)	Fixed
150 113	10 bar	-5+70 °C	PTFE	Rotating
150 342	10 bar	-5+100 °C	Ceramic (x1)	Fixed
150 117	6 bar	-5+80 °C	Ceramic (x1)	Fixed
150 120	2 bar	-5+70 °C	Ceramic (x1)	Rotating
150 125	6 bar	-5+60 °C	PTFE	Fixed



9318 RD

9312 OR

All types = Ø 12 mm, length 120 mm, PG 13.5



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Industrial applications electrodes

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