

Productinformation

Analyse - pH/Redox

Combined Redox Electrode ORP211



Characteristics

Combined redox electrode for use in heavily polluted media. Equipped with a double hole-diaphragm and gel-electrolyte as well as an electrolyte bridge, this combined electrode is suitable for use in contaminated to heavily contaminated media. The reference system has an extended diffusion range and double chamber structure, which extends the lifetime of the electrode.

The hole-diaphragm has a minimal diaphragm interference voltage due to the direct access of the media and cannot clog due to its large diameter.

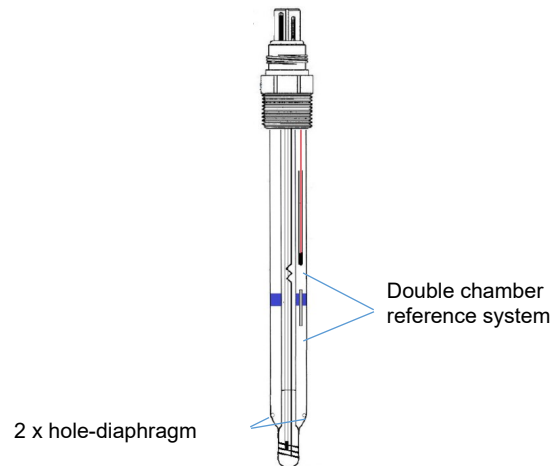
Technical data

Application range	: +/-2000 mV
Scope	: Wastewater treatment Process Chemistry
Working temperature	: -5...+100 °C
Max. pressure	: 5 bar
Diameter	: 12 mm
Installation length	: 120 mm
Process connection	: PG13,5
Electrical connection	: S8
Reference system	: Ag/AgCl
Electrolyte in reference	: Gel
Diaphragm	: 2 x hole
Min. conductivity of media	: 150 µS/cm
Installation position	: 10...170° (upright)
Electrode	: Platine

Ordering code

1.	Type of sensor	
	ORP	Combined redox electrode, potentiometric
2./3./4.	Design	
	211	2 x hole-Ddaphragm, 3 mol/l KCL-Gel
5.	Shaft length	
	120	120 mm
6.	Electrical connection	
	S8	S8 Plug
7.	Options	
	01	Double chamber reference system

Construction



Accessories

Article No.	Type	Description
103161	S7-02	Connection cable with S7 plug/ pig tail, 3m
103162	S7-05	Connection cable with S7 plug/ pig tail, 5m
103163	S7-10	Connection cable with S7 plug/ pig tail, 10m
various	EA2200	Installation adaptor for PVC-U piping
various	DFA32	Flow fitting for EA2200
various	EA2630	Installation fitting G $\frac{3}{4}$, G1A, PVDF
various	EA2650	Installation fitting G $\frac{3}{4}$ A, G $\frac{3}{4}$ A, G1A, stainless steel
various	EA2730	Installation fitting, Milk tube piping
various	EA2090	Installation fitting open basins
various	DFG50	Flow through fitting for up to 3 sensors, stainless steel
104095	DFG70	Flow through fitting for up to 3 sensors, PC/PVC-U