

Produktinformation

pH211

Combined pH Electrode



Characteristics

Combined pH 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.

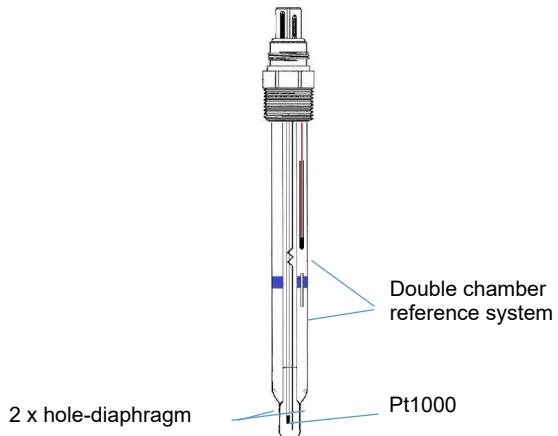
Technical data

Application range	: 0..14 pH
Scope	: Wastewater treatment Process Chemistry
Working temperature	: -5..+100 °C
Max. pressure	: 5 bar
Diameter	: 12 mm
Installation length	: 120
Min. immersion depth	: 20 mm
Process connection	: PG13,5
Temperature sensor	: Pt1000
Electrical connection	: VarioPin (VP)
Reference system	: Ag/AgCl
Electrolyte in reference	: Gel
Diaphragm	: 2 x hole
Min. conductivity of media	: 150 µS/cm
Installation position	: 10...170°(upright)
Resistance, typical	: $\leq 300 \text{ M}\Omega$
Zero point	: 0+/-20 mV
Slope	: 57...59 mV
reaction time	: pH 4..7 < 30 s

Ordering code

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

Construction



Accessories

Article No.	Type	Description
103096	KVP-03	Connection cable with VarioPin plug/ pig tail, 3m
103097	KVP-05	Connection cable with VarioPin plug/ pig tail, 5m
103098	KVP-10	Connection cable with VarioPin plug/ pig tail, 5m
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 $\frac{1}{2}$ 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