

Product Information

pH111

Combined pH Electrode



Characteristics

PH combination electrode for clear to slightly contaminated media. Shaft material (glass) and electrolyte suitable for use in drinking water. The reference is equipped with a salt reserve and therefore achieves a good service life.

Technical data

Application range	: 0..14 pH
Scope	: Universal, Lightly polluted liquids, drinking water
Working temperature	: 100°C
Max. pressure	: 6 bar
Diameter	: 12 mm
Installation length	: 120 mm
Min. immersion depth	: 25 mm
Process connection	: PG13,5
Temperature sensor	: without
Electrical connection	: S8
Reference system	: Ag/AgCl
Electrolyte in reference	: Gel
Diaphragm	: 1 x ceramics
Min. conductivity of media	: 50 µS/cm
Installation position	: 120 °
Response time	: pH 4..7 < 30 s
Shaft material	: Glass
Membrane shape	: Large Ball

Ordering Code

1.	Type of sensor	pH	Combined pH Electrode, potentiometric
2./3./4.	Design	111	1 x ceramics- diaphragm, 3 mol/l KCL-Gel
5.	Shaft length	120	120 mm
6.	Electrical connection	S8	S8 industrial plug-in head
7.	Options	03	Salt reserve

Accessories

Article No.	Type	Description
103161	S7-02	Connection cable with S7/S8 plug/ pig tail, 2m
103162	S7-05	Connection cable with S7/S8 plug/ pig tail, 5m
103163	S7-10	Connection cable with S7/S8 plug/ pig tail, 10m
various	EA2200	Installation adaptor for PVC-U piping
various	DFA32	Flow fitting for EA2200
various	EA2630	Installation fitting G $\frac{1}{2}$ A, 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, PVDF
various	EA2090	Installation fitting open basins
various	DFG70	Flow through fitting for up to 3 sensors, PC/PVC-U

Scope of delivery

Electrode storage tube, KCL-filled incl. sealing cap

