

## 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.	<b>Type of sensor</b>	
	pH	Combined pH Electrode, potentiometric
2./3./4.	<b>Design</b>	
	111	1 x ceramics- diaphragm, 3 mol/l KCL-Gel
5.	<b>Shaft length</b>	
	120	120 mm
6.	<b>Electrical connection</b>	
	S8	S8 industrial plug-in head
7.	<b>Options</b>	
	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 G¾, G1A, PVDF
various	EA2650	Installation fitting G¾A, G¾A, 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

