

Waterproof pH electrode

GE 114-WD



- Fully submersible
- Pressure resistant
- Low-maintenance
- Universal and fast
- for GMH 35xx, GMH 55xx, G 7500 & G150x
- also for transmitter GPHU 014

Features

The GE114 is a waterproof and universally applicable, robust and low-maintenance gel-electrode with pella-dia-phragm. It can be submersed for a longer time beyond the shaft.

Completely waterproof due to the special BNC-plug in combined with GMH55xx, G 7500 or ECO 510/511
→ for demanding field application!

Especially suited for fish farming, aquaristics (including salt water), drinking water, swimming pool and much more!

Ordering item

GE114-WD-L01, cable length 1 m

Art.-No. 610460



Technical specifications

Connectors	: BNC waterproof
Measuring range	: 0...14 pH
Temperature range	: 0...60 °C
Waterproof	: Yes (also BNC-plug)
Elektrolyte	: Gel
Reference system	: KCl/AgCl (Gel)
Initial zero	: 0...±20 mV
Initial gradient	: 57...59 mV/pH @ 25 °C
Initial reaction time	: pH 4...7 < 20 s (State on delivery)
Diaphragm	: 1x Pella
Pressure resistance	: 5 bar
Conductivity	: > 200 µS/cm
Shaft material	: PC
Shaft length	: 122 mm
Shaft diameter	: 12 mm
Minimum immersion depth	: 15 mm
Operating position	: Vertical (head upwards) with ±60°
Working conditions	: 0...+60 °C

Scope of delivery

- pH electrode
- Operating manual

Accessories

Consumables:

Ready-to-use buffer solution (pH 4,01 / 25 °C), 250 ml	
GPH-DOS 4	Art.-No. 485556
Ready-to-use buffer solution (pH 7,00 / 25 °C), 250 ml	
GPH-DOS 7	Art.-No. 485554
Ready-to-use buffer solution (pH 10,01 / 25 °C), 250 ml	
GPH-DOS 10	Art.-No. 601373



3-mol KCL electrolyte for refilling or storing electrodes with 3-mol KCl electrolyte, 100 ml spray bottle.

KCL 3 M	Art.-No. 602477
HCL/Pepsin Cleaning solution, 100 ml, shelf life 12 months	
GRL100	Art.-No. 601422
Working and calibration set consisting of: 5 x GPH 4.0, GPH 7.0 and GPH 10.0 buffer capsules each, 3 x 100 ml GPF 100 plastic bottle, 1 x 3 mol KCL electrolyte, KCL3M and 1 x cleaning solution GRL 100	
GAK 1400	Art.-No. 603523