

## Waterproof pH electrode with integrated temperature sensor GE 135-WD



- Fully submersible
- Pressure resistant
- Low-maintenance
- Universal and fast
- Comfortable handling due to integrated Pt1000
- for GMH 35xx, GMH 55xx, G 7500 & G150x
- also for transmitter GPHU 014

### Features

The GE135 is a waterproof and universally applicable, robust and low-maintenance gel-electrode with ceramic-diaphragm. It can be submersed for a longer time beyond the shaft.

Completely waterproof due to the special BNC-plug in combination with GMH55xx, G 7500 or G150x  
→ For demanding field application!

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

### Ordering item

GE135-WD-GE,	cable length 1 m	Art.-No. 483292
GE135-WD-L02-GE	cable length 2 m	Art.-No. 483293
GE135-WD-L05-GE	cable length 5 m	Art.-No. 483669



### Technical specifications

Connectors	: BNC waterproof / 4 mm banana
Measuring range	: 0 ... 14 pH
Temperature range	: 0 ... 80 °C
Waterproof	: yes (also BNC-plug)
Electrolyte	: Gel
Reference system	: Ag/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 Ceramic
Pressure resistance	: 5 bar
Conductivity	: > 200 µS/cm
Shaft material	: PC
Shaft length	: 120 mm
Shaft diameter	: 12 mm
Minimum immersion depth	: 15 mm
Operating position	: Vertical (head upwards) with +/- 60 °
Working conditions	: 0 ... 80 °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