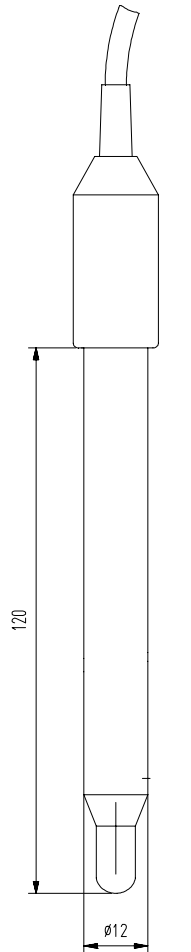


# pH Combination Electrode EGA 151

06/04



EGA 151 K  
Dimensions: mm

This pH combination electrode with refillable electrolyte and glass body is the ideal choice for universal application in connection with on-line instrumentation for routine pH measurements in aquariums, swimming pool water treatment, soil, agriculture, water treatment, schools and education. The model EGA 151 features accurate measurements even under difficult conditions, longer life time because of the refillable reference system, excellent price to performance ratio and wide range of application. The refillable reference system needs refilling of the electrolyte regularly and causes application of the electrode not under pressure only.

The model EGC 151 with alkaline resistant high temperature glass (HT) features application for continuous measurement in mediums with higher temperature and extreme pH.

In addition to the model with fixed cable a model with dismantable S7 plug head connection system is available too.

## Models:

- EGA 151 K: Coaxial measuring cable Ø 5 mm, length 5 m without meter plug
- EGC 151 K: Coaxial measuring cable Ø 5 mm, length 5 m without meter plug
- EGA 151 I: PG 13.5 threaded plug head S7 system (a connection cable is required)
- EGA 151/BNC: Coaxial measuring cable Ø 3 mm, length 2 m with BNC plug
- EGA 151/Cinch: Coaxial measuring cable Ø 3 mm, length 2 m with Cinch plug

## Specifications

<b>Electrode stem</b>	glass Ø 12 mm, refill opening closed by a silicon hose
<b>Immersion length</b>	120 mm (immersion lengths 150 mm, 225 mm and 360 mm on request)
<b>pH range</b>	pH 0 ... 14
<b>Temperature range</b>	- 5 ... 80 °C (EGC 151 max. 100 °C)
<b>Membrane shape</b>	cylinder
<b>Membrane resistance</b>	about 250 MΩ (EGC 151 about 500 MΩ; 25 °C)
<b>Reference system</b>	Ag/AgCl cartridge
<b>Electrolyte</b>	refillable electrolyte, about 3 M KCl
<b>Diaphragm</b>	ceramic frit
<b>Isopotential point</b>	pH = 7 ± 0.3
<b>Pressure</b>	max. 0.3 bar, or higher with pressure load at a remote pressure compensation only
<b>Electrical connection</b>	EGA 151 K, EGC 151 K: 5 m fixed cable without connector EGA 151 I: PG 13.5 threaded coaxial plug head S7-system
<b>Process connection</b>	PG 13.5 threaded plug head (EGA 151 I) for direct mounting in housings; installation vertically or laterally up to 30° from vertical

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Quality System certified to DIN EN ISO 9001

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