

8 Specification

Type	Description	Operating range	Pressure	Reference electrolyte	Connection	Cable	Notes	Diaphragm type /Membrane shape	Tube
GE 100-Cinch GE 100-BNC	standard pH-electrode	pH 0-14, 0..80°C > 100 µS/cm	pressureless	3mol/l KCl	Cinch BNC-	1 m		2x ceramic / sphere	tyril approx. Ø12x120 mm
GE 101-Cinch GE 101-BNC	injection pH-electrode	pH 2-11, 0..60°C > 100 µS/cm	pressureless	3mol/l KCl	Cinch BNC	1 m		2x ceramic / cone	glass approx. Ø12x120 mm
GE 104-Cinch GE 104-BNC	special grinding pH-electrode	pH 2-14, 0..80°C > 20 µS/cm	pressureless	3mol/l KCl	Cinch BNC	1 m	moveable joint, easy-to-clean	grinding / cylinder	glass approx. Ø12x120 mm
GE 106-Cinch †) GE 106-BNC †)	pH-electrode for VE water	pH 0-14, 0..80°C > 100 µS/cm	pressureless	3mol/l KCl	Cinch BNC	1 m		3x ceramic / sphere	tyril approx. Ø12x120 mm
GE 108-Cinch GE 108-BNC GE 108-S7	standard pH-electrode, pressure resistant	pH 0-14, 0..80°C > 100 µS/cm	max 6 bar	3mol/l KCl (gel)	Cinch BNC S7 connection	2 m 2 m - *)	pressure resistant up to 6 bar with PG13.5 thread	2x ceramic / cylinder	PSU approx. Ø12x120 mm
GE 109-BNC	pH-electrode with int. Pt100 sensor	pH 0-14, 0..60°C > 100 µS/cm	max 6 bar	3mol/l KCl (gel)	BNC und MiniDIN	2 m	pressure resistant up to 6 bar	2x ceramic / cylinder	PSU approx. Ø12x120 mm
GE 114-BNC	low-cost pH-electrode	pH 0-14, 0..60°C > 200 µS/cm	pressureless	3mol/l KCl (gel)	BNC	1 m		1x pella / sphere	PC approx. Ø12x120 mm
GE 117-BNC	pH-electrode with int. Pt1000 sensor	pH 0-14, 0..60°C > 100 µS/cm	max 6 bar	3mol/l KCl (gel)	BNC and 4mm banana	2 m	pressure resistant up to 6 bar with PG13.5 thread	2x ceramic / cylinder	PSU approx. Ø12x120 mm
GE 120-Cinch GE 120-BNC	injection pH-electrode	pH 0-14, 0..60°C > 200 µS/cm	pressureless	Ag/AgCl (gel)	Cinch BNC	1 m	incl. screwable cutting blade	2x ceramic / cone	PVC approx. Ø22x110 mm injection tip approx. Ø13x60
GE 125-BNC †)	pH-electrode with int. Pt1000 sensor	pH 0-14, 0..70°C > 200 µS/cm	pressureless	3mol/l KCl (gel)	BNC and 4mm banana	2 m	water-proof IP 67 incl. BNC plug	1x ceramic / cylinder	epoxy approx. Ø12x120 mm
GE 126-BNC	extremely low-maintenance pH-electrode	pH 0-14, 0..80°C > 100 µS/cm	max 5.5 bar	Ag/AgCl (Gel)	BNC	5 m	with ½" NPT thread	2x ceramic / sphere	ABS approx. Ø26.4x147 mm
GE 135-BNC	pH-electrode with int. Pt1000 sensor	pH 0-14, 0..80°C > 150 µS/cm	max 5 bar	Ag/AgCl (Gel)	BNC and 4mm banana	1 m	water-proof IP 67 incl. BNC plug	1x ceramic / cone	PC approx. Ø12x130 mm
GE 151-Cinch GE 151-BNC	pH-electrode for difficult measurement conditions	pH 0-14, 0..80°C > 100 µS/cm	pressureless	3mol/l KCl	Cinch BNC	1 m	chemically resistant glass tube	1x ceramic / cylinder	glass approx. Ø12x120 mm
GE 171-S7	pH-electrode for extreme conditions	pH 0-14, 0..140°C > 100 µS/cm	max 10 bar	3mol/l KCl (gel)	S7 connection	- *)	can be sterilized and autoclaved with PG13.5 thread	2x ceramic / sphere	glass approx. Ø12x120 mm
GE 173-Cinch GE 173-BNC GE 173-S7	special grinding pH-electrode	pH 0-14, 0..80°C > 50 µS/cm	max 6 bar	3mol/l KCl (gel)	Cinch BNC S7 connection	2 m - *)	alkali resistant, pressure resistant up to 6 bar with PG13.5 thread	grinding / cylinder	glass approx. Ø12x120 mm

†) no longer available

*) Note: cable GEAK-2S7-BNC or GEAK-5S7-BNC is needed for connection S7 (additional adapter GAD 1 BNC is required for measurement devices with cinch plug)