



SE 103 N pH Sensor

pH Sensor with Long Immersion Depth

The SE 103 N sensor with glass body is a reliable sensor for precise pH measurements in the laboratory. Thanks to its special pH glass, it is also suitable for measurements at low temperatures.

Applications

Chemistry, quality control, food and beverages, aggressive media

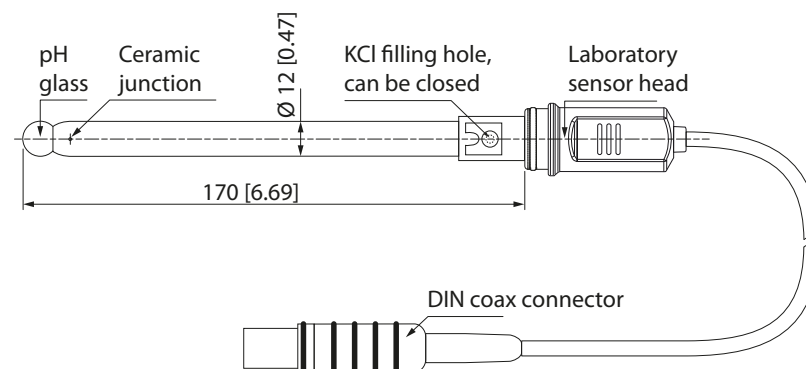
Facts and Features

- Liquid electrolyte, refillable
- Ceramic junction
- Special pH glass with medium impedance
- Long version for greater immersion depth

Specifications

pH:	0 ... 14
Temperature:	– 5 ... 100 °C / 23 ... 212 °F
Temperature detector:	Not integrated
Reference system:	Ag/AgCl
Electrolyte:	Liquid, 3 mol/l KCl, refillable
Junction:	Ceramic
Body material:	Glass
Body length:	170 mm / 6.69 inches
Body diameter:	12 mm / 0.47 inches
Sensor head:	Laboratory sensor head
Sensor connection:	DIN coax connector
Cable:	Fixed cable (length: 1 m / 3.28 ft)
Recommended temperature detector:	ZU 6959

Dimension Drawing



All dimensions in mm [inches]

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Product Line

Sensor	Length	Order No.
SE 103 N	170 mm	SE 103N

Temperature Detector	Order No.
Pt1000 temperature detector	ZU 6959

CaliMat Buffer Solutions (20 °C)	Quantity	Order No.
pH value 2.00 ± 0.02	250 ml	CS-P0200/250
pH value 4.00 ± 0.02	250 ml	CS-P0400/250
	1000 ml	CS-P0400/1000
	3000 ml	CS-P0400/3000
pH value 7.00 ± 0.02	250 ml	CS-P0700/250
	1000 ml	CS-P0700/1000
	3000 ml	CS-P0700/3000
pH value 9.00 ± 0.02	250 ml	CS-P0900/250
	1000 ml	CS-P0900/1000
	3000 ml	CS-P0900/3000
pH value 12.00 ± 0.05	250 ml	CS-P1200/250

Electrolyte Solution	Quantity	Order No.
KCl, 3 mol/l	250 ml	ZU 0960