



pH Sensors

SE 101-AN pH Sensor

pH Sensor with Polymer Body and Temperature Detector

The SE 101-AN pH sensor features a highly robust polymer body, making it ideal for pH measurements in the fields of environmental analysis and water management. It has an integrated Pt1000 temperature detector.

Applications

Media containing suspended solids, water, wastewater, environmental analysis

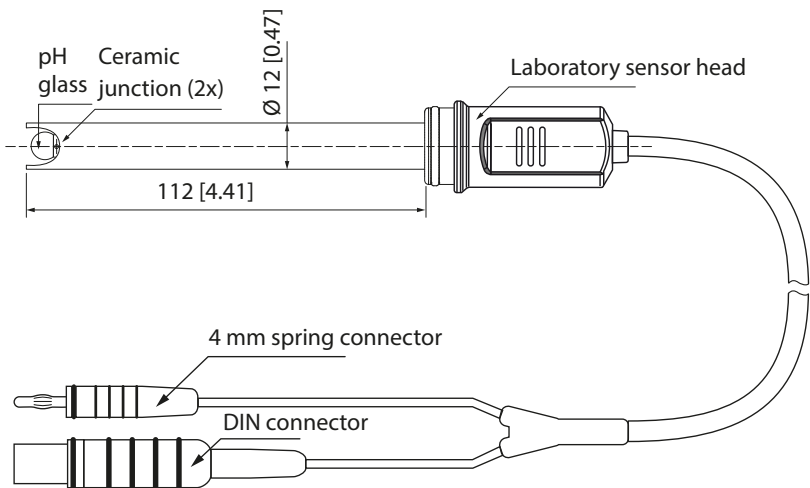
Facts and Features

- Polymer electrolyte
- Ceramic junction (2x)
- Integrated temperature detector
- Polymer body
- pH glass with low impedance; also suitable for measurements at low temperatures

Specifications

pH:	0 ... 14
Temperature:	-5 ... 80 °C / 23 ... 176 °F
Temperature detector:	Pt1000
Reference system:	Ag/AgCl
Electrolyte:	Polymer electrolyte
Junction:	Ceramic junction (2x)
pH glass:	Universal glass, low impedance
Body material:	Plastic (polysulfone)
Body length:	112 mm / 4.41 inches
Body diameter:	12 mm / 0.47 inches
Sensor head:	Laboratory sensor head, for use with Portavo quiver
Cable:	Fixed cable (length: 1 m / 3.28 ft)

Dimension Drawing



All dimensions in mm [inches]

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Product Line

Sensor	Length	Order No.
SE 101-AN pH sensor	112 mm	SE 101-AN

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 for Storage in the Watering Cap	Quantity	Order No.
KCl, 3 mol/l	250 ml	ZU 0960