



SE 106 N pH Sensor

pH Sensor with Temperature Detector

The SE 106 N pH sensor with glass body and ground glass junction is a reliable sensor for precise pH measurements in the laboratory, including for samples with low conductivity. Thanks to its special pH glass, the SE 106 N is suitable for measurements at low temperatures.

Applications

Chemical applications, quality control, food and beverages, aggressive media

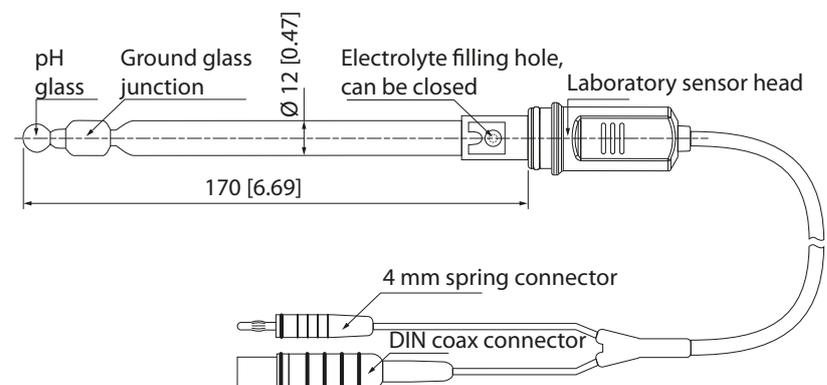
Facts and Features

- Liquid electrolyte, refillable
- Ground glass junction
- Integrated temperature detector
- Alpha glass for universal applications

Specifications

pH:	0 ... 14
Temperature:	– 5 ... 100 °C/23 ... 212 °F
Temperature detector:	Pt1000
Reference system:	Ag/AgCl
Electrolyte:	Liquid, 3 mol/l KCl, refillable
Junction:	Ground glass
pH glass:	Alpha glass, universal applications, fluoride resistant
Body material:	Glass
Body length:	170 mm / 6.69 inches
Body diameter:	12 mm / 0.47 inches
Sensor head:	Laboratory sensor head
Cable:	Fixed cable (length: 1 m / 3.28 ft)

Dimension Drawing



All dimensions in mm [inches]

SE 106 N pH Sensor

Product Line

Sensor	Length	Order No.
SE 106 N	170 mm	SE 106N

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