

## SE 100 N pH Sensor

### pH Sensor with Temperature Detector

The SE 100 N sensor with glass body is a sensor for pH measurements in the laboratory, in waters, and in industrial processes. It has an integrated Pt1000 temperature detector.

#### Applications

Precision measurements, chemical applications, aggressive media, quality control, titration

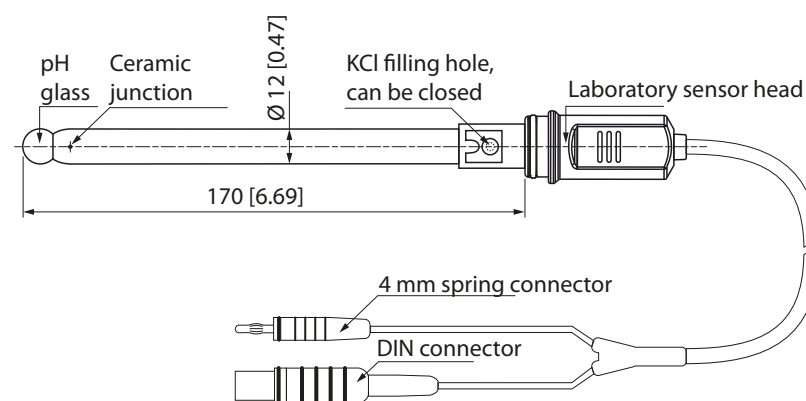
#### Facts and Features

- Liquid electrolyte, refillable
- Ceramic junction
- Integrated temperature detector
- Long version for greater immersion depth

#### 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:	Ceramic
pH glass:	Alpha glass, medium impedance
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 100 N pH Sensor

## Product Line

Sensor	Length	Order No.
SE 100 N	170 mm	<b>SE 100N</b>

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

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