



## SE 104 N pH Sensor

### Robust Puncture Sensor with Polymer Body

The SE 104 N sensor is a tough puncture sensor with special geometry and a polymer body.

Two open junctions ensure good contact with the process medium, resulting in stable measured values.

The SE 104 N sensor is the ideal puncture sensor for applications such as semi-solid samples in the food industry.

### Applications

Food industry:  
Dairy products, semi-solid foods/products, viscous samples

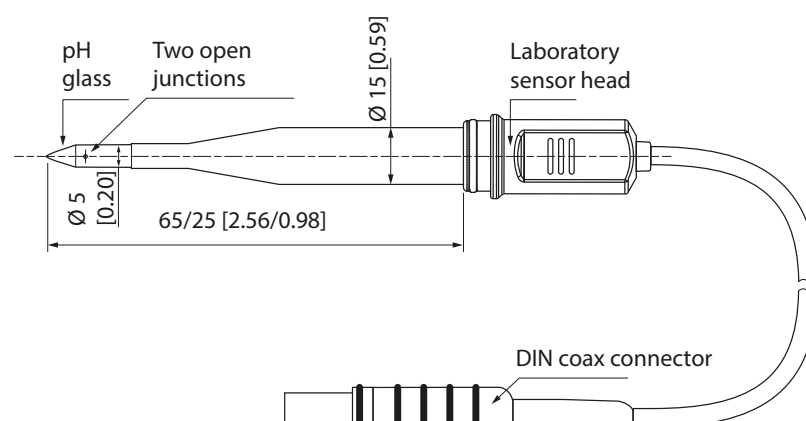
### Specifications

pH:	2 ... 13
Temperature:	- 5 ... 80 °C / 23 ... 176 °F
Temperature detector:	Not integrated
Reference system:	Ag/AgCl
Electrolyte:	Polymer
Junction:	Open (2x)
pH glass:	Alpha glass, medium impedance
Body material:	Plastic (Noryl/PPO)
Body length:	90 mm / 3.54 inches
Body diameter:	15 mm / 0.59 inches
Sensor tip diameter:	5 mm / 0.20 inches
Sensor head:	Laboratory sensor head
Cable:	Fixed cable (length: 1 m / 3.28 ft)
Recommended temperature detector:	ZU 6959

### Facts and Features

- Polymer body
- pH membrane optimized for puncture
- Polymer electrolyte
- 2 open junctions

### Dimension Drawing



All dimensions in mm [inches]

# SE 104 N pH sensor

## Product Line

Sensor	Length	Order No.
SE 104 N	90 mm	<b>SE 104N</b>

Temperature Detector	Order No.
Pt1000 temperature detector	<b>ZU 6959</b>

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