



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.

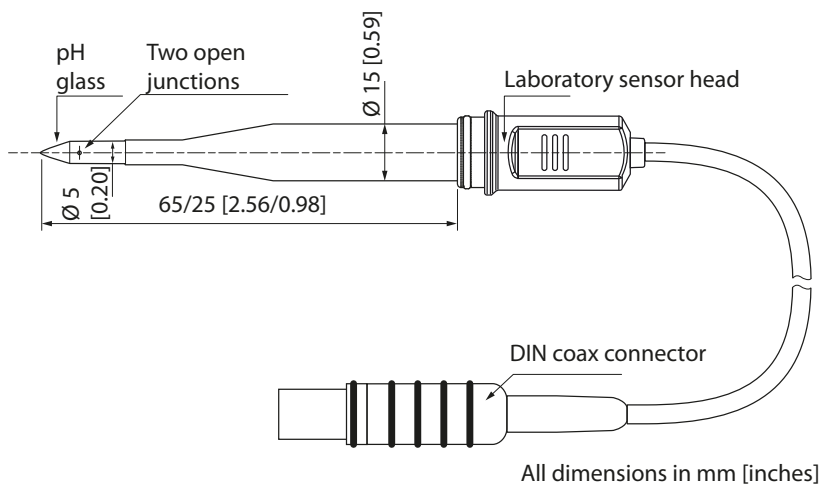
Applications

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

Dimension Drawing



SE 104 N pH sensor

Product Line

Sensor	Length	Order No.
SE 104 N	90 mm	SE 104N

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