

SE 101-MS pH Sensor

Robust pH sensor with plastic body, digital, with Memosens technology

This sensor offers significant advantages with regard to handling and robustness as a result of contactless, digital Memosens technology. In addition, its polysulfone plastic body makes it highly suitable for environmental measurements and water management.

Applications

Media with solid components, water, wastewater, environmental measurements

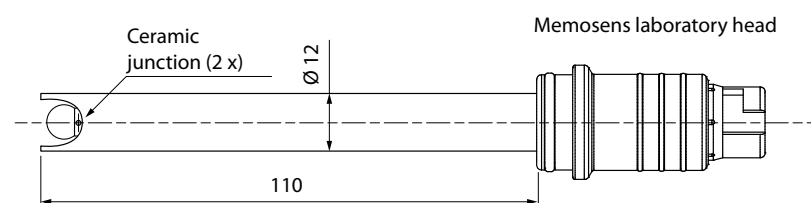
Facts and Features

- Perfect galvanic isolation thanks to Memosens technology
- No influence of humidity in the connector
- Can be precalibrated
- Digital data transfer
- Integrated sensor diagnostics
- Integrated temperature detector
- 2 ceramic junctions
- Robust design with polysulfone plastic body
- Special pH glass with low impedance; also suitable for measurements at low temperatures

Specifications

pH:	0 ... 14
Temperature:	–5 ... 80 °C
Temperature detector:	NTC 30 kΩ
Reference system:	Ag/AgCl, polymer electrolyte
Junction:	2 x ceramic
Length:	110 mm
Sensor connector:	Memosens laboratory head, for use with Portavo sensor quiver

Dimension Drawing



All dimensions in mm

SE 101-MS Memosens pH Sensor

Product Range

Sensor	Length	Order No.
SE 101-MS pH sensor	110 mm	SE 101-MS

Accessories

Accessories	Length	Order No.
Memosens cable	1.5 m	CA/MS-001XFA-L
	2.9 m	CA/MS-003XFA-L

CaliMat Buffer Solutions (20 °C)

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

MemoSuite

MemoSuite		Order No.
Management software for	Basic version (calibration)	SW-MS1400-B
Memosens sensors	Advanced version (calibration, diagnostics, documentation)	SW-MS1400-A