

## 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

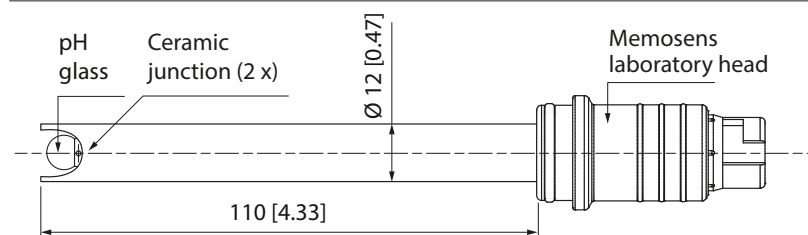
### Facts and Features

- 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 / 23 ... 176 °F
Temperature detector:	NTC 30 kΩ
Reference system:	Ag/AgCl
Electrolyte:	Polymer electrolyte
Junction:	2x ceramic
pH glass:	Universal glass, low impedance
Body length:	112 mm / 4.41 inches
Body diameter:	12 mm / 0.47 inches
Sensor connector:	Memosens laboratory head, for use with Portavo sensor quiver

### Dimension Drawing



All dimensions in mm [inches]

# 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
	250 ml	CS-P0400/250
	1000 ml	CS-P0400/1000
pH value 4.00 ± 0.02	3000 ml	CS-P0400/3000
	250 ml	CS-P0700/250
	1000 ml	CS-P0700/1000
pH value 7.00 ± 0.02	3000 ml	CS-P0700/3000
	250 ml	CS-P0900/250
	1000 ml	CS-P0900/1000
pH value 9.00 ± 0.02	3000 ml	CS-P0900/3000
	250 ml	CS-P1200/250
	1000 ml	
pH value 12.00 ± 0.05	3000 ml	
	250 ml	

## MemoSuite

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