

Sensors for pH Measurement

Water

MEMO SENS



SE 515 Memosens pH Sensor

Reasonably priced sensor for water and wastewater treatment

Thanks to its ground-glass sleeve junction even applicable in heavily contaminated media. Designed for MemoRail applications. High stability and a long life cycle are achieved by the special design. Through a ground-glass sleeve junction the reference system is in direct contact with the measured medium. There is hardly any risk of contamination or blocking of the junction. Measurement is possible even at low temperatures thanks to a special low-impedance glass.

Facts

- Perfect galvanic isolation thanks to Memosens technology
- No influence of humidity in the connector
- Precalibration in the lab
- Digital data transfer
- Integrated sensor diagnostics
- Low maintenance, no refilling of electrolyte
- Integrated temperature detector
- Ground-glass sleeve junction

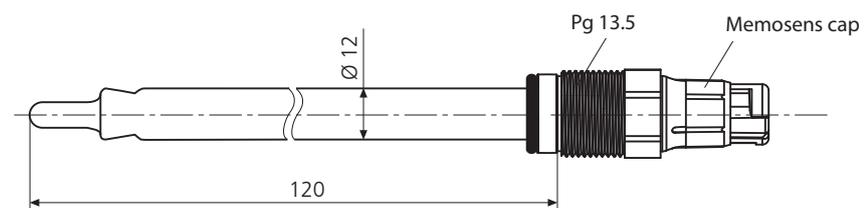
Applications

Water/wastewater treatment.

Specifications

pH:	0 ... 14
Temperature:	-5 ... 80 °C
Pressure:	Max. 4 bars
Temperature detector:	NTC 30 kohms
Sensor material:	Low-impedance standard pH glass
Reference system:	Ag/AgCl, gel electrolyte
Junction:	Ground glass sleeve
Length:	120 mm edge length
Process adaptation:	Pg 13.5
Sensor cap:	Memosens

Dimension Drawing



All dimensions in mm

Product Range

SE 515 pH sensor

Length 120 mm

Order No.

SE 515/1-MS

Accessories

Memosens cable

3 m

5 m

10 m

20 m^{*)}

Order No.

CA/MS-003NAA

CA/MS-005NAA

CA/MS-010NAA

CA/MS-020NAA

Buffer Solutions (20 °C)

pH value 2.00 ± 0.02

250 ml

CS-P0200/250

pH value 4.00 ± 0.02

250 ml

1000 ml

3000 ml

CS-P0400/250

CS-P0400/1000

CS-P0400/1000

pH value 7.00 ± 0.02

250 ml

1000 ml

3000 ml

CS-P0700/250

CS-P0700/1000

CS-P0700/1000

pH value 9.00 ± 0.02

250 ml

1000 ml

3000 ml

CS-P0900/250

CS-P0900/1000

CS-P0900/1000

pH value 12.00 ± 0.05

250 ml

CS-P1200/250

MemoSuite

Management software for
Memosens sensors

Basic version (calibration)

Advanced version (calibration, diagnostics, documentation)

Order No.

SW-MS1400-B

SW-MS1400-A

^{*)} Greater lengths on request