

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.

Applications

Water/wastewater treatment.

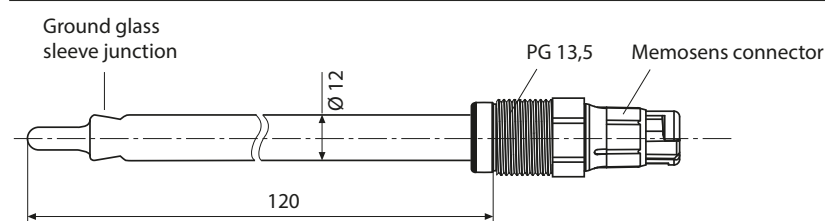
Facts

- 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
- Sigma glass; low impedance for low-temperature applications

Specifications

pH:	0 ... 14
Temperature:	–5 ... 80 °C
Pressure, relative:	0 ... 4 bar
Temperature detector:	NTC 30 kohms
Sensor material:	Low-impedance Sigma glass
Reference system:	Ag/AgCl, gel electrolyte
Junction:	Ground glass sleeve
Length:	120 mm edge length
Process adaptation:	PG 13.5
Sensor connector:	Memosens

Dimension Drawing



All dimensions in mm

SE 515 pH Sensor

Lieferprogramm

Product Range		Length	Order No.
SE 515 pH sensor		120 mm	SE 515/1-MS
Accessories		Length	Order No.
Memosens cable		3 m	CA/MS-003NAA
		5 m	CA/MS-005NAA
		10 m	CA/MS-010NAA
		20 m ^{*)}	CA/MS-020NAA
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		Order No.	
Management software for Memosens sensors	Basic version (calibration)	SW-MS1400-B	
	Advanced version (calibration, diagnostics, documentation)	SW-MS1400-A	

^{*)} Greater lengths on request