

Sensors for Conductivity Measurement

Water

MEMO SENS



SE 615 Memosens 2-Electrode Sensor

Reasonably priced sensor for water and wastewater treatment

Large measuring range thanks to electrodes made from low polarized special graphite. Designed for MemoRail applications. The SE 615 conductivity sensor with Memosens connector system has 2 graphite electrodes and requires low maintenance. The integrated temperature detector provides automatic temperature compensation during calibration and operation of the sensor.

The sensor is designed for simultaneous measurement of conductivity and temperature in industrial processes.

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
- Integrated temperature detector
- 2 graphite electrodes

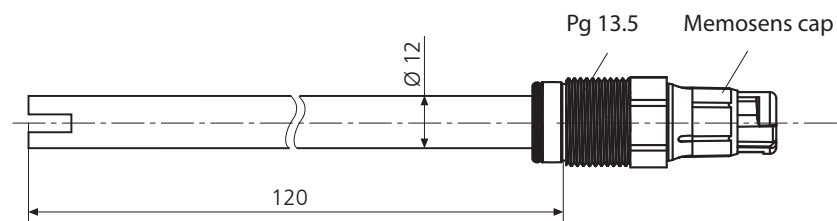
Applications

Water/wastewater treatment.

Specifications

Cell constant:	Approx. 1/cm
Measuring range:	10 μ S/cm ... 20 mS/cm
Temperature:	-5 ... +80 °C
Pressure:	Max. 4 bar
Temperature detector:	NTC 30 kohms
Body material:	Polysulfone
Membrane material:	Graphite
Measuring principle:	2-pole
Length:	120 mm
Process adaptation:	Pg 13.5
Sensor cap:	Memosens

Dimension Drawing



All dimensions in mm

Product Range			Order No.	
SE 615 2-electrode conductivity sensor		Length 120 mm	SE 615/1-MS	
Cable			Order No.	
Memosens cable		3 m	CA/MS-003NAA	
		5 m	CA/MS-005NAA	
		10 m	CA/MS-010NAA	
		20 m ^{*)}	CA/MS-020NAA	
Conductivity Standards			Order No.	
Conductivity standard	KCl	300 ml	15 μ S/cm \pm 1 %	ZU 0350
	KCl	500 ml	147 μ S/cm \pm 1 %	ZU 0702
Certificate			Order No.	
Calibration Certificate			ZU 0320	
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