



## 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

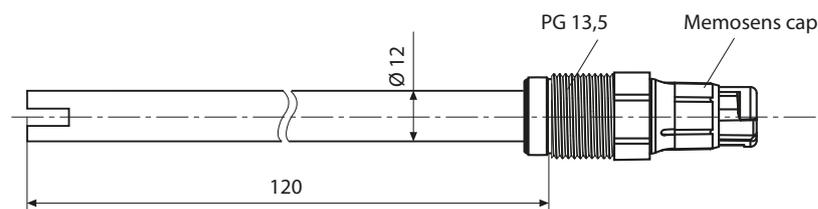
### Applications

Water/wastewater treatment

### Specifications

Cell constant:	Approx. 1/cm
Measuring range:	10 $\mu$ 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

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## Product Range

Sensor		Length	Order No.	
SE 615 2-electrode conductivity sensor		120 mm	<b>SE 615/1-MS</b>	
Cable		Length	Order No.	
Memosens Cable		3 m	<b>CA/MS-003NAA</b>	
		5 m	<b>CA/MS-005NAA</b>	
		10 m	<b>CA/MS-010NAA</b>	
		20 m <sup>1)</sup>	<b>CA/MS-020NAA</b>	
Conductivity Standards			Order No.	
Conductivity standard	KCl	300 ml	15 µS/cm ± 1 %	<b>ZU 0350</b>
	KCl	500 ml	147 µS/cm ± 1 %	<b>ZU 0702</b>
Certificate			Order No.	
Calibration Certificate			<b>ZU 0320</b>	
MemoSuite		Order No.		
Management software for Memosens sensors	Basic version (calibration)		<b>SW-MS1400-B</b>	
	Advanced version (calibration, diagnostics, documentation)		<b>SW-MS1400-A</b>	

<sup>1)</sup> Greater lengths on request

## Pressure/Temperature Diagram

