MEMO SENS

Cond

SE 615/1-MS Knick ❯ C€

P max: 4 bar
t max: 80 °C

MEMO SENS

SE 615 Memosens 2-Electrode Sensor

Sensor for water, wastewater, and industrial processes

Large measuring range thanks to electrodes made from low polarized graphite. The SE 615 conductivity sensor with Memosens connector system has 2 graphite electrodes. 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.

Applications
Water/wastewater treatment and industrial processes

Facts

– Perfect galvanic isolation
  thanks to Memosens technology
– No influence of humidity in the connector
– Precalibration in the shop or lab
– Digital data transfer
– Integrated sensor diagnostics
– Low maintenance
– Integrated temperature detector
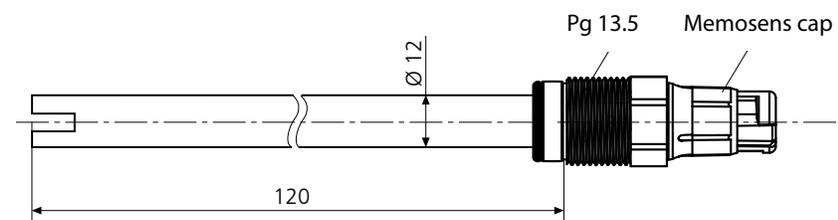– 2 graphite electrodes

Specifications

Cell constant:	Approx. 1/cm
Measuring range:	10 µS/cm … 20 mS/cm
Temperature:	23 … 176 °F (-5 … 80 °C)
Pressure:	Max. 58 psi (4 bar)
Temperature detector:	NTC 30 kOhm
Body material:	Polysulfon
Membrane material:	Graphite
Measuring principle:	2-pole
Length:	120, 225 mm
Process adaptation:	Pg 13.5
Sensor cap:	Memosens®

Dimensional Drawing

Pg 13.5   Memosens cap

Ø 12

120

All dimensions in mm

M4Knick ❯

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 Standards	KCl	300 ml	15 µS/cm	±1 %	**ZU 0350**
	KCl	500 ml	147 µS/cm	±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