

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

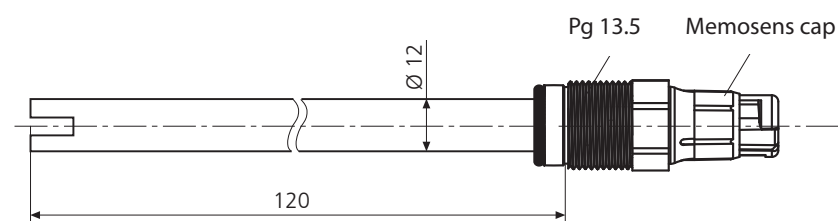
Applications

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

For up-to-date information, please visit www.knick.de

Isolation Amplifiers
Transmitters

Indicators

Process Analytics

Portable Meters

Laboratory Meters

Sensors

Fittings

Knick 

Product Range

SE 615 2-electrode conductivity sensor

Length 120 mm

Order No.

SE 615/1-MS

Cable

Memosens cable

3 m

Order No.

CA/MS-003NAA

5 m

CA/MS-005NAA

10 m

CA/MS-010NAA

20 m*)

CA/MS-020NAA

Conductivity Standards

Conductivity standard

KCl 300 ml 15 μ S/cm $\pm$ 1 %

Order No.

ZU 0350

KCl 500 ml 147 μ S/cm $\pm$ 1 %

ZU 0702

Certificate

Calibration Certificate

Order No.

ZU 0320

MemoSuite

Management software for
Memosens sensors

Basic version (calibration)

Order No.

SW-MS1400-B

Advanced version (calibration, diagnostics, documentation)

SW-MS1400-A

*) Greater lengths on request