

# Electrical Conductivity probes

## Two electrodes



### SI 301

In-line E.Conductivity probe.

**Applications:** from 0 to 2 mS

**Cell constant:** K=1 cm<sup>-1</sup>

**Body:** PVC

**2 Electrodes:** 316 S.Steel

**Thread:** 1" BSP

**Operating temperature:** 40 °C max.

**Operating pressure:** 3 bar max. at 25 °C

**Option:** non standard materials and cell constant.

### SI 3013

In-line E.Conductivity probe

**Applications:** from 0 to 2 mS

**Cell constant:** K=1 cm<sup>-1</sup>

**Body:** Polypropilene

**2 Electrodes:** 316 S.Steel

**Thread:** 1" BSP

**Operating temperature:** 50 °C max.

**Operating pressure:** 3 bar max. at 25 °C

**Option:** non standard materials and cell constant.



### SI 308T

In-line E.Conductivity probe + Pt100

**Applications:** for high purity water.

**Cell constant:** K=0.01 cm<sup>-1</sup>

**Body:** PVC

**Electrodes:** 316 S.Steel

**Temperature sensor:** Pt100

**Thread:** 1" BSP

**Operating temperature:** 50 °C max.

**Operating pressure:** 3 bar max. at 25 °C

**Cable:** 3 mt



### SZ 3252

Three black Platinum band electrodes, K=1 cm<sup>-1</sup>, epoxy body, cable 1.5 m with BNC connector.

**Applications:** portable instruments, laboratory.



### SZ 3271

Two graphite electrodes, K=1 cm<sup>-1</sup>, epoxy body L=110 mm D=12 mm, cable 1.5 m with BNC connector.

**Applications:** In-line up to 10 bar and 80 °C, range 0/80 mS.

### SZ 3273.1

Two graphite electrodes, K=1 cm<sup>-1</sup>, built-in Pt100, epoxy body L=110 mm D=12 mm, cable 3 m.

**Applications:** in-line up to 10 bar and 80 °C, range 0/80 mS.

### SZ 3273.4

Two graphite electrodes, K=1 cm<sup>-1</sup>, built-in NTC 10K, epoxy body L=110 mm D=12 mm, cable 3 m.

**Applications:** in-line up to 10 bar and 80 °C, range 0/80 mS.

## Special two electrodes



### SZ 3320.1 - SZ 3330.1

For high Temperature/Pressure.

**Applications:** High purity water.

**Cell constant SZ 3320.1:**  $K = 0.1 \text{ cm}^{-1}$

**Cell constant SZ 3330.1:**  $K = 1 \text{ cm}^{-1}$

**Thermocompensator:** Pt100

**Material in contact with liquids:** S. Steel, PEEK L=55 mm

**Temperature:** 100 °C max.

**Pressure:** 16 bar max. at 25 °C

**Connector:** 4-pin

**Thread:** 3/4" NPT

**Cable:** SZ927.1 (to be ordered separately)



### SZ 3350.1 - SZ 3360.1

For high Temperature/Pressure.

**Applications:** High purity water.

**Cell constant SZ 3350.1:**  $K = 0.1 \text{ cm}^{-1}$

**Cell constant SZ 3360.1:**  $K = 1 \text{ cm}^{-1}$

**Thermocompensator:** Pt100

**Material in contact with liquids:** S. Steel, PEEK L=55 mm

**Temperature:** 100 °C max.

**Pressure:** 6 bar max. at 25 °C

**Connector:** 4-pin

**Thread:** Tri-Clamp 1", 1.5"; outer diameter 2"

**Cable:** SZ927.1 (to be ordered separately)



### SZ 3300.1

Graphite Electrodes.

**Applications:** From 200  $\mu\text{S}$  to 200 mS.

**Cell constant:**  $K = 1 \text{ cm}^{-1}$

**Thermocompensator:** Pt100

**Material in contact with liquids:** PES-graphite L=55 mm

**Temperature:** 100 °C max. at 10 bar

**Pressure:** 16 bar at 25 °C

**Connector:** 4-pin

**Thread:** 3/4" NPT

**Cable:** SZ927.1 (to be ordered separately)