

Electrical Conductivity probes

Two electrodes



SI 301

In-line E. Conductivity probe.

Applications: from 0 to 2 mS

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

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

Body: Polypropylene

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: $K=0.01\text{ cm}^{-1}$

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, $K=1\text{ cm}^{-1}$, epoxy body, cable 1.5 m with BNC connector.

Applications: portable instruments, laboratory.



SZ 3271

Two graphite electrodes, $K=1\text{ cm}^{-1}$, 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, $K=1\text{ cm}^{-1}$, 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, $K=1\text{ cm}^{-1}$, 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.

Electrical Conductivity probes

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: 85 °C max.

Pressure: 10 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: 85 °C max.

Pressure: 10 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 μS to 200 mS.

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

Thermocompensator: Pt100

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

Temperature: 85 °C max.

Pressure: 10 bar max at 25 °C

Connector: 4-pin

Thread: 3/4" NPT

Cable: SZ927.1 (to be ordered separately)