### **Probes - Sensors**

# E. 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-1 **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:  $50~^{\circ}\text{C}$  max. Operating pressure: 3~bar max. at  $25~^{\circ}\text{C}$ 

Cable: 3 mt

## **Special E.Conductivity probes 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:**  $K = 1 \, \text{cm}^{-1}$ 

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

**Temperature:** 205 °C max. **Pressure:** 16 bar max. at 25 °C

**Thermocompensator:** Pt100

**Connector:** 4-pin **Thread:** 3/4" NPT

#### SAN 621-3-1-5S

Pressurizable/Sterilizable.

**Applications:** High purity water, pharmaceutical industry.

Cell constant: K=0.1 cm<sup>-1</sup> Thermocompensator: Pt100

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

**Temperature:** 121 °C max. **Pressure:** 6 bar (10 bar at 20 °C).

**Connector:** 4-pin **Fixing:** Tri-Clamp 2"

#### SZ 3300.1

Graphite Electrodes.

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

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

**Temperature:** 150 °C max. at 10 bar

**Pressure:** 16 bar at 20 °C. **Connector:** 4-pin **Thread:** 3/4" NPT