

Sensors for Conductivity Measurement



SE 610 Conductivity Sensor

Basic low-cost solution for measuring low conductivities in water

Compact 2-electrode sensor with coaxial stainless-steel electrodes, integrated temperature detector and fixed cable.

Applications

Drinking water, industrial water, surface water, ion exchangers and reverse osmosis plants, rinse water, seawater desalination plants

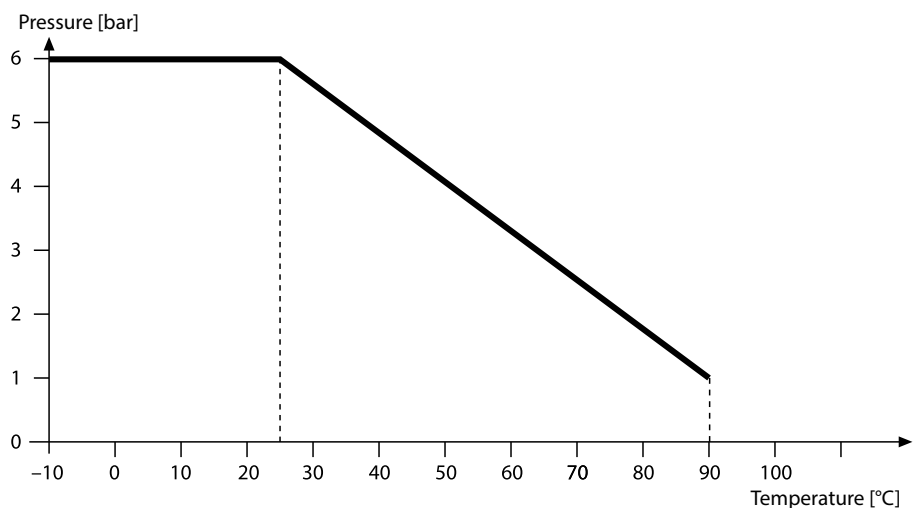
Facts

- Compact design
- Cost-efficient
- Broad applications
- Robust stainless-steel electrodes
- Integrated temperature detector
- 5 m fixed cable

Specifications

Cell constant:	0.1/cm
Measuring range:	0.1 ... 1000 μ S/cm
Material:	Body: PEI (polyetherimide) Electrodes: stainless steel, 1.4571
Temperature detector:	Pt 1000
Temperature:	50 ... 194 °F (10 ... 90 °C)
Pressure:	87 psi (6 bar) (at 77 °F (25 °C))
Process connection:	G 1/2"
Cable:	Fixed cable, 5 m

Pressure/Temperature Diagram



Product Range

SE 610 conductivity sensor

G 1/2"

Order No.

SE 610

Accessories

(Details from page 134)

Order No.

Conductivity standard

KCl	300 ml	15 μ S/cm	\pm 1 %
KCl	500 ml	147 μ S/cm	\pm 1 %

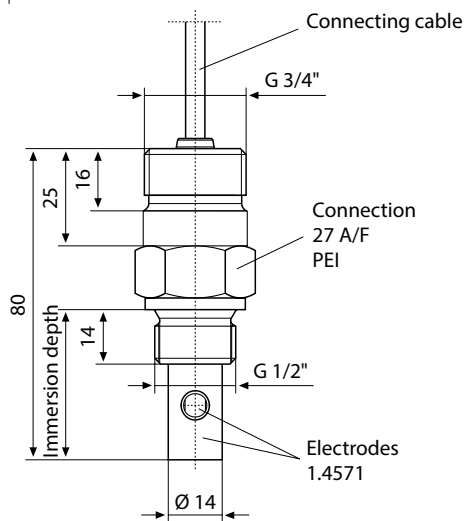
ZU 0350

ZU 0702

Cell constant certificate

ZU 0320

Dimensional Drawing



Cable connection diagram

