

# Sensors for Conductivity Measurement

Energy Water



## SE 610 Conductivity Sensor

The 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

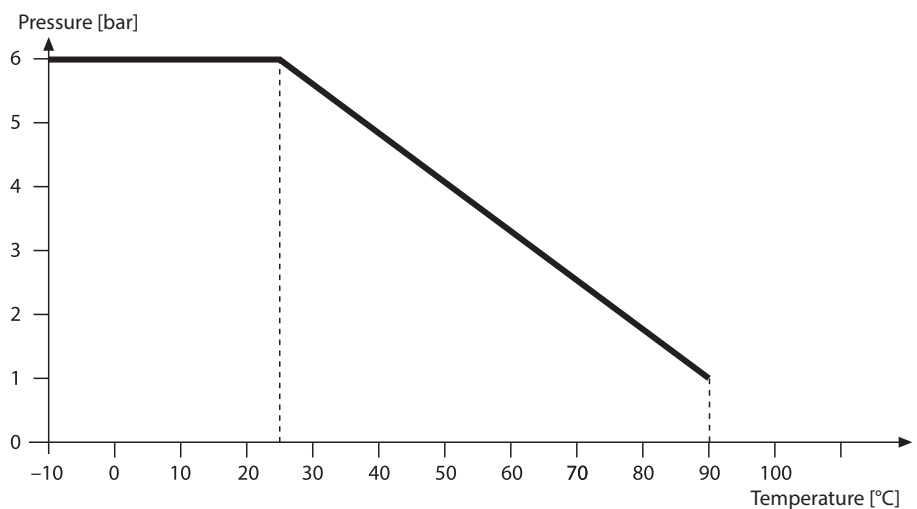
### Facts

- 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 $\mu$ S/cm
Material:	Body: PEI (polyetherimide) Electrodes: stainless steel, 1.4571
Temperature detector:	Pt 1000
Temperature:	10 ... 90 °C
Pressure:	6 bar (at 25 °C)
Process connection:	G 1/2"
Cable:	Fixed cable, 5 m

### Pressure/Temperature Diagram



For up-to-date information, please visit [www.knick.de](http://www.knick.de)

**Knick** 

### 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 $\mu\text{S}/\text{cm}$	$\pm 1\%$
KCl	500 ml	147 $\mu\text{S}/\text{cm}$	$\pm 1\%$

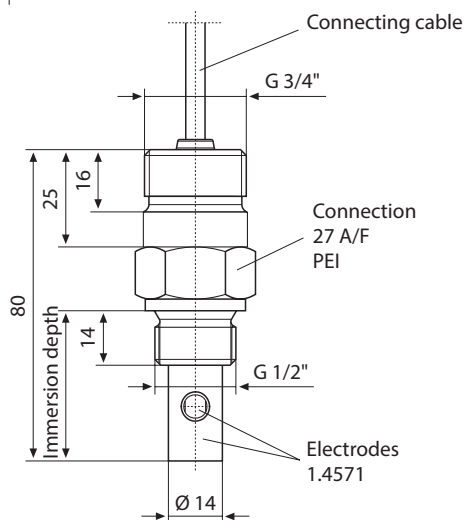
**ZU 0350**

**ZU 0702**

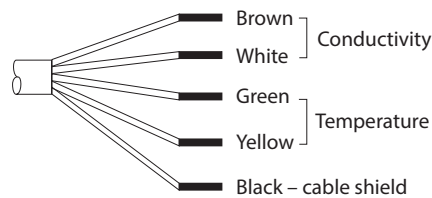
Cell constant certificate

**ZU 0320**

### Dimension Drawing



Cable connection diagram



**DP-FLOW**