

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

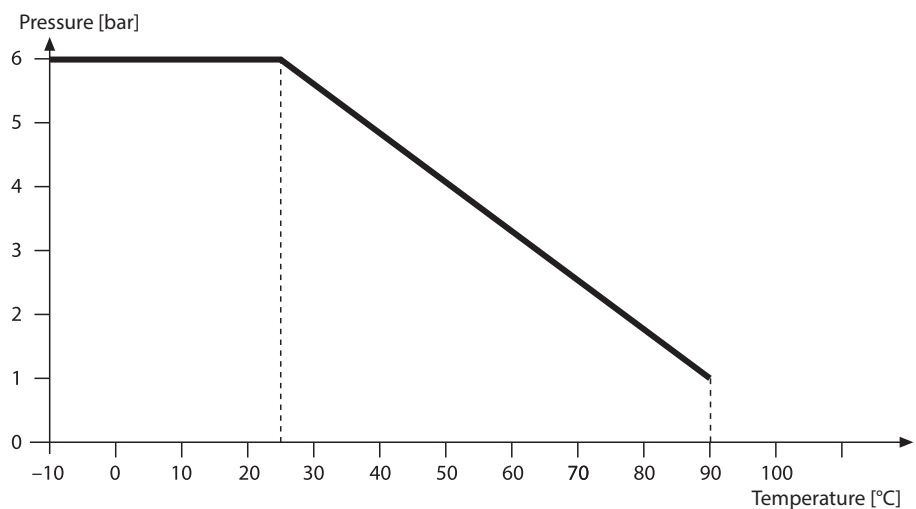
### Facts

- 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)<br>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 $\mu\text{S}/\text{cm}$ | $\pm 1\%$ |

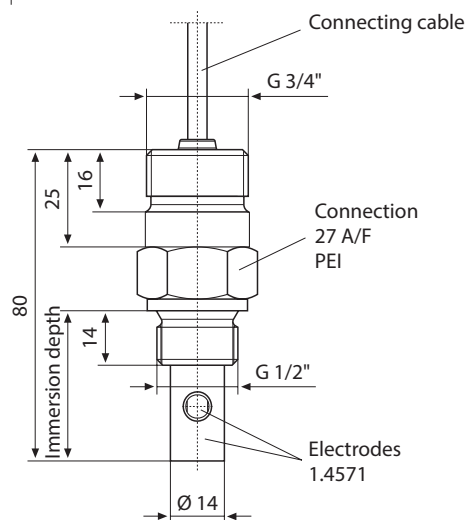
**ZU 0350**

**ZU 0702**

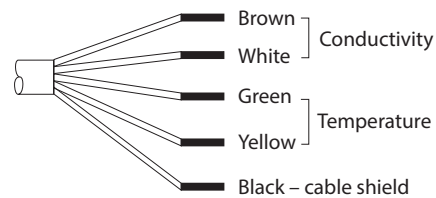
Cell constant certificate

**ZU 0320**

## Dimension Drawing



Cable connection diagram



All dimensions in mm