

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

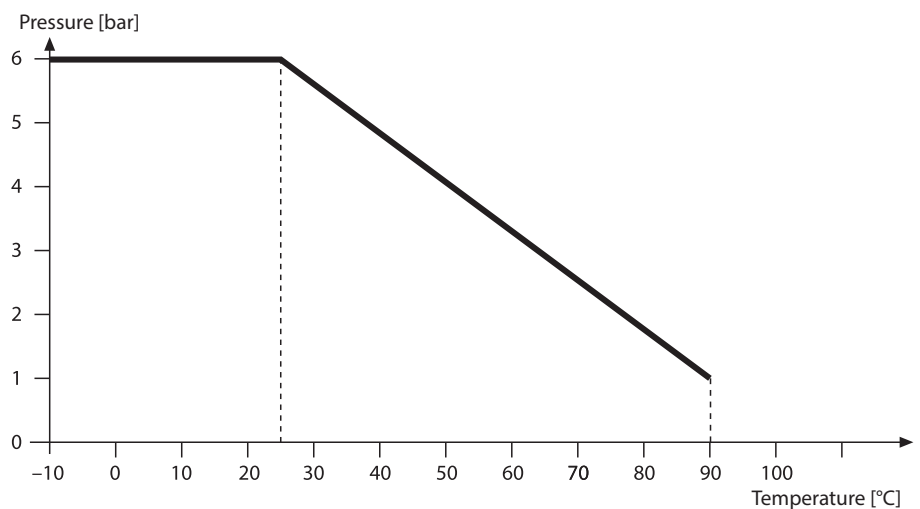
Facts

- 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 $\mu\text{S}/\text{cm}$ |
| 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

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 $\mu\text{S}/\text{cm}$ | $\pm 1\%$ |

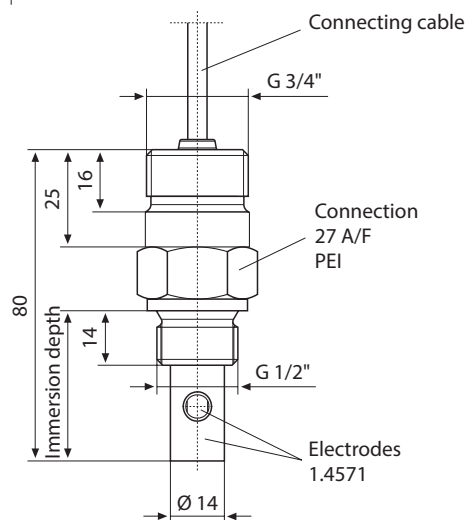
ZU 0350

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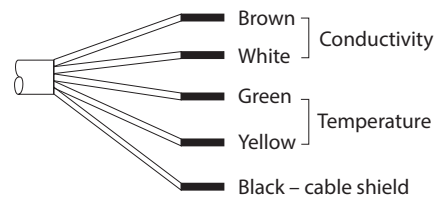
Cell constant certificate

ZU 0320

Dimension Drawing



Cable connection diagram



All dimensions in mm