

# Sensors for Conductivity Measurement

Chem

Energy

Water



## SE 660 Toroidal Conductivity Sensor

Cost-efficient sensor for measuring low to very high conductivity values, insensitive to contamination and corrosion

Universal conductivity sensor with large measuring range for moderate chemical stress. With integrated, extremely fast temperature detector.

### Applications

Fresh water and wastewater treatment, electroplating, photographic processes, air conditions, cooling tower monitoring, in-company wastewater treatment plants, monitoring of salts, alkaline solutions, and conductivity, tanneries, caustic treatment, washers, automotive engineering, rinsing processes

### Facts

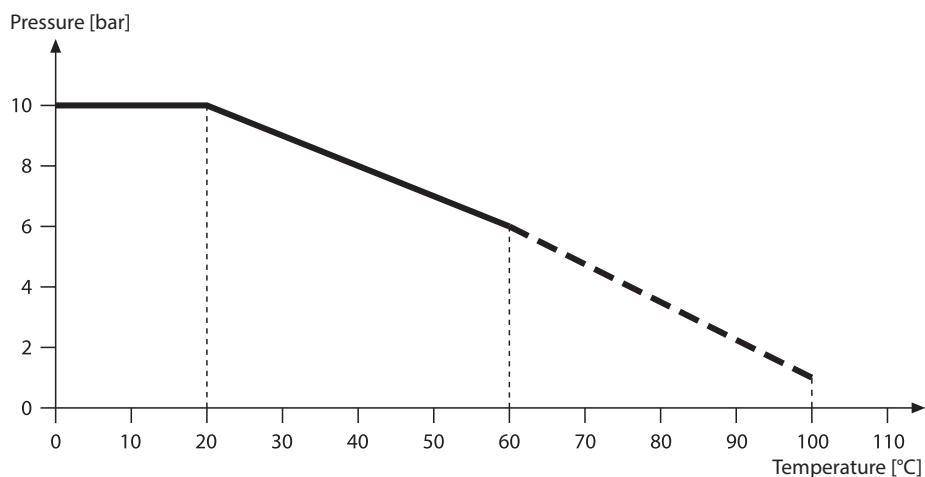
- Cost-efficient
- Compact design
- No process-wetted electrodes
- Large measuring range
- Quick-reacting temperature detector
- Insensitive to deposits and contaminations

### Specifications

Cell factor*):	Approx. 6.4/cm
Measuring range:	0.02 to 2000 mS/cm
Accuracy:	≤ 1 %
Material:	PP (polypropylene)
Temperature detector:	Pt 1000
Temperature response time:	≤ 6 s
Temperature:	0 ... 60 °C (momentarily 100 °C)
Pressure:	Max. 10 bar at 20 °C, max. 6 bar at 60 °C
Process adaptation:	PP coupling nut G 1 1/2"

\*) Observe instructions for use (field conditions)

### Pressure/Temperature Diagram



**Product Range**

SE 660 conductivity sensor

G 1 1/2", cable length 5 m

G 1 1/2", cable length 10 m

Order No.

**SE 660/11**

**SE 660/12**

**Accessories**

Conductivity standard

KCl 0.1 mol/l 12.88 mS/cm ± 1.5 % 250 ml

Calibration Certificate

Order No.

**ZU 0348**

**ZU 0320**

**Dimension Drawings**

