Conductivity Sensors

SE 202 Conductivity Sensor

2-Electrode Conductivity Sensor with Stainless Steel Body

The SE 202 conductivity sensor with stainless steel body is a sensor for conductivity measurements of media with low to very low conductivity. It has an integrated temperature detector.

Applications
Ultrapure water, boiler feedwater, demineralized water, checking ion exchangers and reverse osmosis

Facts and Features
- 2 electrodes in coaxial arrangement
- Stainless steel body
- Integrated temperature detector
- Immersion depth min. 30 mm

Specifications

Conductivity:	0 ... 200 µS/cm
Resolution:	0.01 µS/cm
Cell constant:	0.100 cm^{-1} ± 2 %
Temperature:	– 5 ... 100 °C/23 ... 212 °F
Temperature detector:	Pt1000
Pressure:	2 bar (relative)
Electrodes:	Coaxial arrangement, stainless steel 1.4571
Isolator:	POM
Gasket:	Viton
Body material:	Stainless steel 1.4571
Body length:	120 mm / 0.47 inches
Body diameter:	12 mm / 0.47 inches
Connecting head material:	POM
Immersion depth:	min. 30 mm / 1.18 inches
Cable:	Fixed cable (length: 1.5 m / 5.90 ft)

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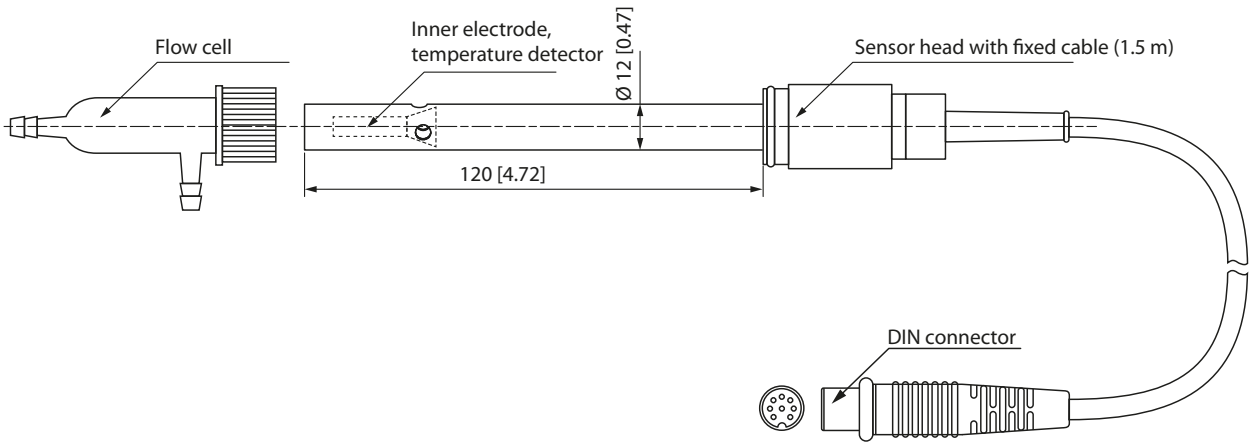
Dimension Drawing



All dimensions in mm [inches]

Product Line

Sensor	Length	Order No.
SE 202, incl. flow cell	120 mm	**SE 202**

Accessories	Order No.
Flow cell (spare part)	**ZU 1014**

Calibration Solutions	Quantity	Order No.
Conductivity standard 1.3 µS/cm, KCl	300 ml	**ZU 0701**
Conductivity standard 15 µS/cm, KCl	500 ml	**CS-C15K/500**
Conductivity standard 147 µS/cm, KCl	500 ml	**CS-C147K/500**
Conductivity standard 1.413 mS/cm, KCl	500 ml	**CS-C1414K/500**
Conductivity standard 12.88 mS/cm, KCl	500 ml	**CS-C12880K/500**