

> CONDUCTIVITY PROBE

Tethys Conductivity Sensor with 3/4" NPT thread is a heavy-duty probe with Polypropylene body suitable for many industrial water application. Mounting thread allow for in-pipe (flow through) installations of conductivity sensor. These conductivity sensor offers excellent chemical and impact resistance.

specifications

Measurement Range and Cell constant

Body Material

Mounting

Temperature Range

Maximum operating pressure

Temperature Element

Temperature Compensation

Integral Sensor Cable Length

Mounting Thread on Sensor Body

Cell Constant, K	Conductivity measurement range
0.01	0 - 200 μ S
0.1	0 - 2000 μ S
1	0 - 20 mS
10	0 - 200 mS

Polypropylene

In-Line (Flow-through)

0-80 °C

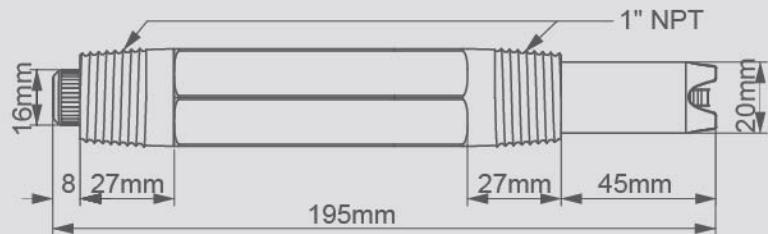
100 psi

Pt-100 Ohm RTD

Automatic

6 meter

3/4" NPT threads



Dimensions and Specifications above apply only for ELCOND-1 / ELCOND-10 / ELCOND-0.1



ELCOND-1 Conductivity online electrode - 6 meters cable
 Range: 0 – 20 mS
 Cell constant k=1.0 cm⁻¹ (medium range)
 Built-in ATC RTD 100 Ohm

ELCOND-0.01 Range: 0 – 200 μ S
 Cell constant k=0.01 cm⁻¹ (very low range)
 Built-in ATC RTD 100 Ohm

ELCOND-0.1 Range: 0 – 2000 μ S
 Cell constant k=0.1 cm⁻¹ (low range)
 Built-in ATC RTD 100 Ohm

ELCOND-10 Range: 0 – 200 mS
 Cell constant k=10.0 cm⁻¹ (high range)
 Built-in ATC RTD 100 Ohm

ICOND Inductive conductivity online probe
 Range: 0 – 100 mS
 3 meters cable
 Built-in temperature compensation at 2.2%/°C