Model 21 Conductivity Sensor

Features



- Calibrated Cell Constant for Greater Accuracy
- High Chemical, Thermal and Mechanical Stability
- Suitable for High Temperature Use
- Compact Design
- Easy Installation in Pipes and Flow Chambers
- Enclosure Rating IP67 (NEMA 6) Waterproof

Applications

- Cooling Towers
- Condensate Return Lines
- Plating Baths

Description

The Model 21 Conductivity Sensor is specifically designed for general purpose water applications. Each sensor is calibrated and the cell constant is recorded on the sensor. This cell constant is then entered into the conductivity transmitter. Precise cell constants provide greater measurement accuracy.

Specifications

Measuring Range	10 to 20,000 uS/cm
Cell Constant	1.0 /cm
Temperature Sensor	Pt100, 3 Wire
Temperature Rating	150°C (302°F)
Pressure Rating	16 bar @ 20°C (232 psi @ 68°F)
Process Connections	1” MNPT
Electrodes	Graphite
Shaft Material	PES (Polyethersulfone)
Enclosure Rating (Waterproof)	IP67 (NEMA 6)

AYSIX technologies

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Ordering Information

Model	**Description**
M – 21 – C	1.0 Cell Constant (0.04 to 20 uS/cm)
Code	**Description**
1N	1” MNPT Process Connection
Code	**Description**
2	5.0 m (16.4 ft.) Fixed Cable
3	10.0 m (32.8 ft.) Fixed Cable
Code	**Description**
A	Pt 100 Temperature Compensator
M - 21 - C - 1N - 2 - A	**Order Number Example**

Dimensions

