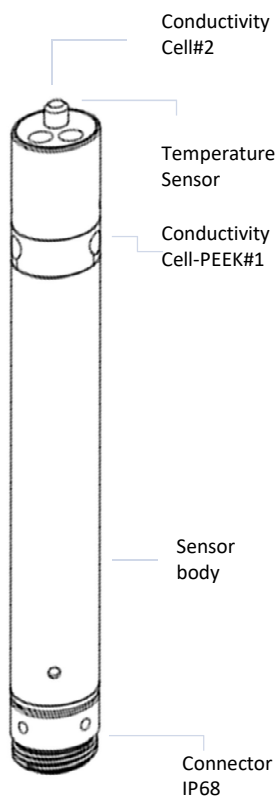


Digital 4-electrode Conductivity Sensor



Digital 4-electrode Conductivity



BroadSensor conductivity sensor measures conductivity by AC voltage applied to nickel electrodes inside of PEEK conductivity cell. The sensor require little maintenance or special attention for storage and can measure high conductivity water long-term.

Key Advantages:

- 4-electrode with nickel and PEEK conductivity cell.
- RS485 output, Modbus protocol.
- IP68 connector.

Specification



Technical Specifications

Measurement Method	4-electrodes AC drive
Range	1uS/cm~100mS/cm
Resolution	1uS/cm or 0.1mS/cm
Accuracy	1%FS
Operating temperature	0~45°C
Storage Temperature	-10~50°C
Min. Detection Limit	0.3uS/cm
Warranty	1 year
Depth	IP68, 10m Max
Power	DC 5~12V 15mA (normal)
Output	RS485 and Modbus protocol
Materials	POM, SS316,TA2, Nickel,PEEK
Dimensions	Length 170.5mm, diameter 22mm
Flow rate	< 3 m/s
Response time	Minimum 30s T90
Field life*	2 years or greater
Recommended Calibration maintain Frequency *	3 months

Note: *Field life and calibration frequency dependent on site conditions.

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