

BH-485-DD Digital Conductivity Sensor

■ Summary

BH-485 series of online conductivity electrode, in the interior of the electrodes achieve the automatic temperature compensation, digital signal conversion and other functions. With rapid response, low maintenance cost, real-time online measurement characters etc. The electrode using standard Modbus RTU (485) communication protocol, 24V DC power supply, four wire mode can very convenient access to sensor networks.

■ Features

- Can work stably for a long time
- Built in temperature sensor, real-time temperature compensation
- RS485 signal output, strong anti-interference ability, the output range of up to 500m
- Using the standard Modbus RTU (485) communication protocol
- The operation is simple, the electrode parameters can be achieved by remote settings, remote calibration of electrode
- 24V DC power supply.

■ Technical Indexes

Model	BH-485-DD
Parameter measurement	conductivity, temperature
Measure range	Conductivity: 0-2000us/cm Temperature: (0~50.0)□
Accuracy	Conductivity: ±20 us/cm Temperature: ±0.5□
Reaction time	<60S
Resolution	Conductivity: 1us/cm Temperature: 0.1□
Power supply	24V DC
Power dissipation	1W
Communication mode	RS485(Modbus RTU)
Cable length	5 meters, can be ODM depend on user's requirements
Installation	Sinking type, pipeline, circulation type etc.
Overall size	230mm×φ 30mm
Housing material	ABS



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