BH-485-DO Digital Dissolved Oxygen Sensor

■Summary

BH-485 series online dissolved oxygen electrode，adopt original battery type oxygen sensing electrode, and internal electrode to achieve the automatic temperature compensation and digital signal conversion. With rapid response, low maintenance cost, real-time online measurement. The electrode adopt the standard Modbus RTU (485) protocol, 24V DC power supply, four wire mode, can be very convenient to access to sensor networks.

■Features

·The on-line oxygen sensing electrode, can work stably for a long time.
·Built in temperature sensor, real-time temperature compensation.
·RS485 signal output, strong anti-interference ability, output distance 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 specifications

Model	BH-485-DO
Parameter measurement	Dissolved oxygen,temperature
Measure range	Dissolved oxygen：（0~20.0）mg/L Temperature：（0~50.0）□
Basic error	Dissolved oxygen：±0.30mg/L Temperature：±0.5□
Response time	Less than 60S
Resolution	Dissolved oxygen：0.01ppm Temperature：0.1□
Power supply	24VDC
Power dissipation	1W
communication mode	RS485(Modbus RTU)
Cable length	Can be ODM depend on user's requirements
Installation	Sinking type, pipeline, circulation type etc.
Overall size	230mm×φ30mm
Housing material	ABS

HAUSNET S.R.L.
Tel Argentina: (+54-11) 5219-2211
Tel Chile: (+56-2) 2897-3999
E-Mail: hausnet@hausnet.com.ar
Web: www.hausnet.com.ar