



Digital Dissolved Oxygen Meter

Model : DOG-2082S

Product	Digital Dissolved Oxygen Meter
Sensor type	With Digital Dissolved Oxygen Sensor (Sensor with RS485 Modbus)
Measuring range	0~20.00 mg/L 0~200.00 % -10.0~100.0°C
Accuracy	±1%FS ±0.5°C
Resolution	0.01mg/L; 0.1°C
Power supply	90 – 260V AC 50/60Hz
Housing material	ABS
Communication	RS485 Modbus
Data record	Yes
Waterproof grade	IP65
Current output	Isolated type 2 ways of 4-20mA output (DO and temperature)
Relay	Two relays for high and low limit;One relay for clean 5A/250V AC 5A/30V DC
Overall dimension	144×144×104mm
Hole size	138×138mm
Language	Two language (English and Chinese)

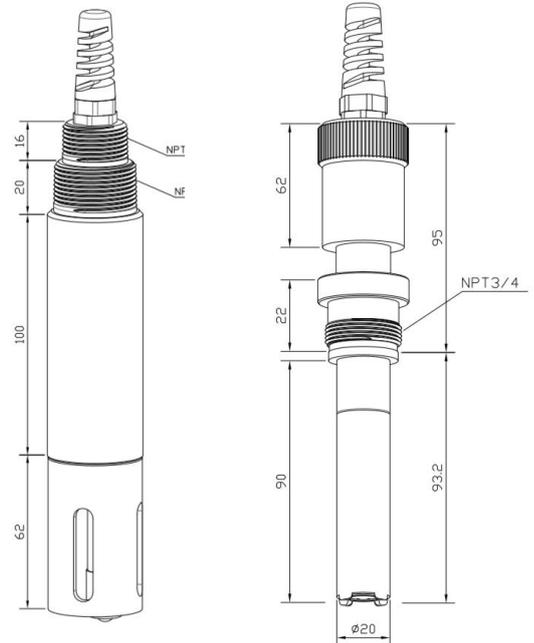




Digital Dissolved Oxygen Sensor

Introduction

This BH-485-DO is the latest digital dissolved oxygen sensor independently researched, developed, and produced by BOQU Instruments. The dissolved oxygen sensor is directly with RS485 Modbus RTU, easy to install, and has high measurement accuracy, responsiveness, and can work stably for a long time. Built-in temperature probe, instant temperature compensation. Strong anti-interference ability, the longest output cable can reach 500 meters. It can be set and calibrated remotely, and the operation is simple. It's widely used in urban sewage treatment, industrial sewage treatment, aquaculture and environmental monitoring and other fields.



■ Technical specifications

Model	BH-485-DO Digital Dissolved Oxygen Sensor
Parameter	Dissolved oxygen and temperature
Measure range	0~20mg/L ;0~65°C
Accuracy	±0.30mg/L;±0.5°C
Resolution	0.01mg/L;0.1°C
Power supply	9~36V DC
Power dissipation	1W
communication	RS485(Modbus RTU)
Cable length	Standard 5 meter, it can be extended
Installation	Submerged type, pipeline, flow-through