


# ORP TRANSMITTER




## BSNI20

Model	BSNI-20	PH/ORP conversion module
Measurement range	PH:0-14pH ORP:±2000mV	PH:0-14pH ORP:±2000mV
Temperature Compensation	PT1000	PT1000
Accuracy	PH : ±0.1PH ORP : ±5mV	PH : ±0.1PH ORP : ±5mV
Repeatability	PH : ±0.1PH ORP : ±2mV	PH : ±0.1PH ORP : ±2mV
Resolution	PH : 0.01PH ORP : 1mV	Floating point type
Display	160*160 LCD	/
Power supply	AC : 85-500VAC (50/60HZ) DC : 9~36VDC	12VDC
Output	3-way 4-20mA	/
Relay	Three-way relays, programmed response parameter and response value.	/
Communication protocol	MODBUS RS485	MODBUS RS485
Main material	PA66+GF25+FR(Cover) ; Aluminum alloy powder (Lower casing)	Aluminum alloy
Storage temperature	-20- 70°C	-20- 60°C
Operation temperature	-15 - 60°C	0- 60°C
Protective rate	IP65/ NEMA4X	IP65
Dimension	145*125*162mm(L*W*H)	95*47*30mm(L*W*H)
Weight	1.35KG	250G

## BSOP-500 ORP SENSOR

	<b>Main materials</b>	Black Polypropylene, Ag/AgCl Reference Gel
	<b>Measurement range</b>	-2000mV ~ +2000mV
	<b>Pressure range</b>	≤0.6Mpa
	<b>Temperature range</b>	0-80°C (Non-freezing)
	<b>Zero potential mV value</b>	86±15mV (25°C) (in pH 7.00 solution containing saturated quinhydrone)
	<b>Range</b>	≥170mV (25°C) (in PH 4 solution containing saturated quinhydrone)
	<b>Response time</b>	≤10 sec (Reach 95% of the end value)(After stirring)
	<b>Dimensions</b>	Sensor : Dia30mm*L 195mm
	<b>Weight</b>	Sensor : 0.2KG ;
	<b>Protective rate</b>	Sensor : IP68/NEMA6P ;
<b>Cable length</b>	Standard: 10 m, can be extended	

## BSOP-100 ORP SENSOR

	<b>Main materials</b>	PC body case
	<b>Measurement range</b>	-1000mV ~ +1000mV
	<b>Pressure range</b>	≤0.6Mpa
	<b>Applicable Temperature</b>	0~60°C (Non-freezing)
	<b>Slope</b>	≥95% (25°C)
	<b>Dimensions</b>	Sensor : Dia27.4mm*L 161mm
	<b>Cable length</b>	Standard:5 m, can be extended