POP-500A RS485 Digital ORP Sensor

Main Features



- Power supply and output isolation design to ensure electrical safety
- Power supply and communication chip built-in protection circuit, anti-interference ability
- With comprehensive protection circuit design, without additional isolation equipment can work reliably
- The circuit is built inside the electrode, which has good environmental tolerance and is easier to install and operate
- RS485 transmission interface, MODBUS RTU communication protocol, two-way communication, can receive remote instructions
- The communication protocol is simple and practical, and it is extremely convenient to use
- Output more electrode diagnosis information, more intelligent
- Internal integrated memory, can still remember the stored calibration and setting information after power off.

Technical Specifications

Shell material	PPS
Measuring range	-2000-2000 mV
Resolution	1 mV
Precision	2 mV
Temp. compensation mode	Automatic or manual
Temp. compensation	10.0 ~ 110.0℃
Resolution	0.1℃
Precision	0.5℃
Electrode voltage resistance	0 -4 bar
Electrode temp. resistance	0.0-60.0℃
Mounting thread	3/4 inch Fore and aft thread
Power	12VDC
Cable length	Standard: 10 M