

Digital ORP Sensor

01 Applications

Digital ORP sensor is widely used in the system of waste water treatment, purified water, circulating water and boiler water, as well as the ORP test in the fields of electronics, aquaculture, food, printing and dyeing, electroplating, pharmacy, fermentation, chemical industry, etc, and it has a strong function in the environmental monitoring of surface water and pollution discharge and the remote system application.

02 Main features

- 24 hours online monitoring
- High accuracy, high stability and
- Strong anti-interference ability
- Automatic temperature compensation function
- Work independently without controller or transmitter
- Support RS485 and 4~20mA signal output
- Directly connect to computer, PLC or IoT system
- Can set parameters by RS485 communication
- Able to replace the sensor probe



CE ISO FC RoHS

03 Technical indicators

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|---------------------|---|
| Measuring range: | -1999~+1999mV |
| Accuracy: | ±1 mV |
| Working conditions: | 0~60°C |
| Pressure range: | 0-6 bar |
| Output: | RS485 and 4~20mA (DC5V only support RS485) |
| Working voltage: | DC5V /12V/24V |
| Cable length: | 5m (customizable) |
| Materials: | PPS |
| Protection grade: | IP68 |

04 Optional accessories

