

Digital ORP Sensor



Designed for common water quality.

Easy to connect to PLC, DCS, industrial control computers, general purpose controllers, paperless recording instruments or touch screens and other third party devices.

Double salt bridge design, double layer seepage interface, resistant to medium reverse seepage.

The ceramic pore parameter electrode oozes out of the interface and is not easy to be blocked, which is suitable for monitoring of common water quality environmental media.

High-strength glass bulb design, the glass appearance is stronger.

The electrode adopts low noise cable, the signal output is farther and more stable

Large sensing bulbs increase the ability to sense hydrogen ions, and perform well in common water quality environment media.

Conventional online ORP electrode

- Using PTFE large ring diaphragm to ensure the durability of the electrode;
- Can be used under 6 bar pressure;
- Long service life;
- Optional for high alkali/high acid process glass;
- Optional internal NTC temperature sensor for precise temperature compensation;
- TOP 68 insertion system for reliable measurement of transmission;
- Only one electrode installation position and one connecting cable are required;
- Continuous and accurate ORP measurement system with temperature compensation.

Model No.	CS2733D
Power/Outlet	9~36VDC/RS485 MODBUS RTU
Measure material	Glass+pt
Housing material	PP
Waterproof grade	IP68
Measurement range	±2000mV
Accuracy	±3mV
Pressure resistance	≤0.6Mpa
Temperature compensation	NTC10K
Temperature range	0-80℃
Measuring/Storage Temperature	0-45℃
Calibration	Sample calibration, standard liquid calibration
Connection methods	4 core cable
Cable length	Standard 10m cable, can be extended to 100m
Installation thread	NPT3/4''
Application	General application, industrial water, sewage, river, lake,etc.