

## CS1729D Digital pH Sensor



**Designed for seawater environment.**

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

The outstanding application of SNEX CS1729D pH electrode in seawater pH measurement.

1. Solid-state liquid junction design: The reference electrode system is a non-porous, solid, non-exchange reference system. Completely avoid various problems caused by the exchange and blockage of the liquid junction, such as the reference electrode is easy to be polluted, reference vulcanization poisoning, reference loss and other problems.
2. Anti-corrosion material: In the strongly corrosive seawater, the SNEX CS1729D pH electrode is made of marine titanium alloy material to ensure the stable performance of the electrode.
3. The measurement data is stable and accurate: In the seawater environment, the reference electrode maintains high efficiency and stable performance, and the measuring electrode is specially designed for corrosion resistance. It ensures the stable and reliable measurement of the pH value process.
4. Low maintenance workload: Compared with ordinary electrodes, SNEX CS1729D pH electrodes only need to be calibrated once every 90 days. The service life is at least 2-3 times longer than that of ordinary electrodes.

<b>Model No.</b>	<b>CS1729D</b>
<b>Power/Outlet</b>	9~36VDC/RS485 MODBUS RTU
<b>Measure material</b>	Glass/silver+ silver chloride
<b>Housing material</b>	PP
<b>Waterproof grade</b>	IP68
<b>Measurement range</b>	0-14pH
<b>Accuracy</b>	±0.05pH
<b>Pressure resistance</b>	≤0.6Mpa
<b>Temperature compensation</b>	NTC10K
<b>Temperature range</b>	0-80℃
<b>Calibration</b>	Sample calibration, standard liquid calibration
<b>Connection methods</b>	4 core cable
<b>Cable length</b>	Standard 10m cable, can be extended to 100m
<b>Installation thread</b>	NPT3/4''
<b>Application</b>	Seawater