

## CS1797D Digital pH Sensor



**Designed for Organic Solvent and Non-aqueous 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 newly designed glass bulb increases the bulb area, prevents the generation of interfering bubbles in the internal buffer, and makes the measurement more reliable. Adopt PP shell, upper and lower NPT3/4" pipe thread, easy to install, no need for sheath, and low installation cost. The electrode is integrated with pH, reference, solution grounding, and temperature compensation.

1. Using gel and solid dielectric double liquid interface structure, can be directly used in high viscosity suspension, emulsion, containing protein and other liquid parts of the chemical process easily blocked;
2. Waterproof joint, can be used for pure water detection;
3. No need to supplement the dielectric, small maintenance;
4. Adopt NPT3/4" thread socket, can be used for foreign electrode interchange;

<b>Model No.</b>	<b>CS1797D</b>
<b>Power/Outlet</b>	9~36VDC/RS485 MODBUS RTU
<b>Measure material</b>	Glass/silver+ silver chloride; SNEX
<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>	0~0.6Mpa
<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>	Organics