

CS1543D Digital pH Sensor

Designed for strong acid, strong base and chemical process.

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



CS1543D pH electrode adopt the most advanced solid dielectric in the world and large-area PTFE liquid junction. Not easy to block, easy to maintain. The long-distance reference diffusion path greatly prolongs the service life of the electrode in harsh environments. 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 glass shell, easy to install, no need for sheath, and low installation cost. The electrode is integrated with pH, reference, solution grounding and temperature compensation. The electrode adopts high-quality low-noise cable, which can make the signal output longer than 20 meters without interference. The electrode is made of ultra-bottom impedance-sensitive glass film, and it also has the characteristics of fast response, accurate measurement, good stability.

Model No.	CS1543D
Power/Outlet	9~36VDC/RS485 MODBUS RTU
Measure material	Glass
Housing material	PP
Waterproof grade	IP68
Measurement range	0-14pH
Accuracy	±0.05pH
Pressure resistance	≤0.6Mpa
Temperature compensation	NTC10K
Temperature range	0-80℃
Calibration	Sample calibration, standard liquid calibration
Connection methods	4 core cable
Cable length	Standard 10m cable, can be extended to 100m
Installation thread	PG13.5
Application	Strong acid, strong base and chemical process.