

# PH5000 Versatile

## pH/ORP Controller / Transmitter



- Designed for precision pH / ORP control at complex industrial sites.
- Panel mounted type.
- IP65 rated: waterproof and airproof. High protection against electromagnetic interference.
- Scalable isolated 4-20 mA Output.
- Control modes: On/Off limited control (LIT) .
- Separately adjustable high and low point setting.
- Large LCD, with high luminance LED backlight.
- RS-485 output

### Specifications

pH	Range	-2.00-16.00 pH
	Resolution	0.01 pH
	Accuracy	±0.01 pH
	Signal Input Impedance	≥1012 Ω
ORP	Range	-2000~2000 mV
	Resolution	1 mV
	Accuracy	±1 mV
Temperature	Temperature Range	-10.0~110.0 °C
	Resolution	0.1 °C
	Precision	±0.3 °C
	Temperature Sensor	Pt1000
	Temperature Compensation	Automatic/Manual
Signal Output/load	Signal Output	4-20 mA (Adjustable)
	Current Accuracy	1%FS
	Load	<500 Ω
Data interface	RS485	have
Relay Output	On/Off	2 SPST Relays
	Output	2.5A 230 VAC
	Cleaning/Alarm Relays	1X 2.5A
Others	Power	85~260 VAC or 24 VDC
	Working Temperature	0~60°C
	Humidity	< 90%
	IP Rated	IP65
	Installation	Panel Mounting
	Dimensions	(H×W×D) 108×108×158 mm
	Panel Cut Size	94.5×94.5 mm
Weight	0.5 kg	

	CS1540 pH Sensor	CS2512 ORP Sensor
Range:	0 -14 pH	-2000 - 2000 mV
Temp:	0 - 80 °C	0 - 90 °C
Pressure:	0 - 4 bar	0 - 4 bar
Temp Sensor:	Pt1000	None
Ref:	Ag/AgCl Double junction	Ag/AgCl Double junction
Liquid Junction:	Ceremic	Ceremic
Measuring:	Glass	Platinum Electrode
Thread:	PG13.5	PG13.5
Housing	SS316L, 13x120 mm	Glass, 12x120 mm
Cable:	5m, BNC	5m, BNC
Applications : Wastewater , Sewage Monitoring, Surface water, Industrial process , Aquaculture		
 <b>CS1540</b> pH Sensor		