






pHS-1000 series sensors are industrial in-line sensors used for continuous monitoring of surface water, ground water and industrial effluent water. pH sensors are available for different temperature ranges and for different fluid properties.

#### FEATURES

- Excellent compatibility with ATS-X1000-A and ATS-PH1000 controller
- Long Distance reference diffusion path extends electrode life even in harsh environments
- Fast response with good repeatability
- With silver ions Ag/AgCl reference electrodes
- PT1000 RTD, the temperature element used in the pHS-1000 series sensors is highly accurate and linear throughout the range

Model	pHS-1000	pHS-1001	pHS-1002	pHS-1003	pHS-1004
					
<b>Measuring Range</b>	0 - 14 pH	0 - 14 pH	0 - 14 pH	0 - 14 pH	0 - 14 pH
<b>Maximum Operating Temperature</b>	60.0 °C	80.0 °C	60.0 °C	130.0 °C	60.0 °C
<b>Wetted Materials</b>	Glass	ABS	ABS	Glass	Glass
<b>Maximum Operating Pressure</b>	6 Bar	4 Bar	3 Bar	6 Bar	3 Bar
<b>Electrical Connections</b>	Tinned Wire Connection	Tinned Wire Connection	Tinned Wire Connection	Tinned Wire Connection	Tinned Wire Connection
<b>Mechanical Connections</b>	PG13.5	3/4" NPT	3/4" NPT	PG13.5	PG13.5
<b>Zero Potential (mV)</b>	7 ± 0.4 pH	7 ± 0.4 pH	7 ± 0.4 pH	7 ± 0.4 pH	7 ± 0.4 pH
<b>Standard Cable Length<sup>1</sup></b>	5 meters	5 meters	5 meters	5 meters	5 meters
<b>Minimum Shelf Life<sup>2</sup></b>	6 months	6 months	6 months	6 months	6 months
<b>Applications</b>	Tap water Drinking water RO water Food processing Beverages industry	Waste water Cooling tower Recycling water	Tap water Drinking water RO water Food processing Beverages industry	Boiler feed Pharmaceutical Fermentation	EDI water Pure water Distilled water

<sup>1</sup> Extended wire option also available on user request. Please refer to model selection guide for further information.

<sup>2</sup> Recommended to install the sensor within one month after its purchase. Keep the electrode dipped in 4.0M KCl solution when not in use.