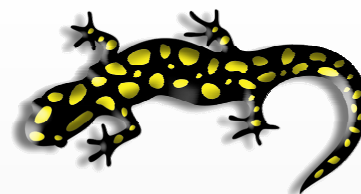


pH



salamander

pH is a fundamental aspect of water quality and affects all areas of hydro-chemistry and aquatic biology. A measure of acidity / alkalinity, pH is a function of H^+ activity within waters, the scale is - logarithmic running from 1 - 14, 1 indicating 1 mole / litre of hydrogen ions at 25 °C.

inteliSYS have considerable experience in specifying pH sensors for demanding conditions and are able to source a wide range of probes to cover many monitoring requirements. A robust, waterproof opto isolated amplifier is used to condition the signal from the probe and allows confident continuous monitoring with the data logger.

Standard probe specifications:	
pH range	0 - 14
Resolution	0.01 pH
Repeatability	+/- 0.05 pH
Accuracy	+/- 0.1 pH
Temp. range (sensing tip only)	0-100°C
Liquid junction type	Porous wick
Reference type	Ag/AgCl
Reference electrolyte	3M KCl/AGCL Gel (non refillable)
Application suitability	Low maintenance field probe
Minimum immersion depth	15mm
Stem length	120mm
Stem diameter	12mm
Opto Isolation	No interference



Description	Ranges	Units	Code	Cable length (m)	Termination (CFE, WP, WP3P)
Standard pH probe + amplifier	0-14	pH	pH/STD/AMP/	5/	WP WP or CFE
Low conductivity water probe + amplifier	0-14	pH	pH/LCWAMP/	5/	WP WP or CFE
Standard pH probe	0-14	pH	pH/STD/	1/	WP3P
Low conductivity water probe	0-14	pH	pH/LCW/	1/	WP3P

Example: pH/STD/AMP/5/WP

Standard pH electrode with amplifier, 5 metres cable terminating in a waterproof connector.

Connector options WP (waterproof 5 pin Tajimi) or CFE (Clean finished ends for screw terminals)

For further information please contact: Salamander sales

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