

Cartridge pH Sensor

SELECTION GUIDE

MODEL 607	BASIC DESCRIPTION (Cartridge Type Ball Valve Retractable pH Sensor)	
	Industrial process cartridge pH sensor constructed of PVDF material. 16.5 cm (6.5 inch) long with 1.8 m (6 ft) cable; body fits 1 inch sheath. Maximum pressure 690 kPa (100 psi), maximum temperature 100 °C (212 °F) and measuring 0 pH to 14 pH. The pH electrode is designed to be mounted in a 1 inch stainless steel body. Reference is plastic with porous plastic annular junction for long life. Optional temperature compensation available. Includes one instruction manual. Requires preamp interface option -22(xxx) or model 600.	
	ADD	ELECTRODE OPTIONS
	-0	Solution ground connected
	-1	Ruggedized high temperature pH tip, 20 °C to 105 °C (68 °F to 221 °F); not recommended below 50 °C (122 °F)
	-3	High pH tip, for applications where 10 pH to 14 pH is common; 10 °C to 105 °C (50 °F to 221 °F)
	-4()	-4(P): Platinum ORP tip; -4(G): Gold ORP tip
	-5	Extra rugged tip, 20 °C to 130 °C (68 °F to 266 °F). Option -73 recommended for applications over 90 °C (194 °F)
	-6	Flat glass tip, 0 °C to 90 °C (32 °F to 194 °F), no flutes
	-7	Double junction reference; to inhibit ion contamination from the process
	-8	Wood reference junction; suggested for high-dirt or fiber applications
	-9	Pulp tip configuration, concave junction surface
	ADD	BODY OPTIONS
	-10	16.5 cm (6.5 inch) SS body, 20.3 cm (8 inch) assembly length, for direct insertion; includes electrode holder. Requires option -74 or option -75.
	-11	38 cm (15 inch) SS body, 43 cm (17 inch) assembly length, for ball valve retraction; includes electrode retainer and coupling.
	-12(x)	Long body with custom length; specify (x) inches; price per inch.
	-13	Titanium body, body length 38 cm (15 inch), 43 cm (17 inch) assembly length.
	-14	60 cm (24 inch) leads for integral interface.
	-21	Retractable ball valve, pressure 690 kPa (100 psi) max, 1 inch MNPT, fittings, P/N A2100084.
	-22(xxx)	Integral-mounted 600 interface in explosion proof UL & CSA J-box. Specify analyzer model number in brackets. Requires option -14. Requires cable to analyzer; refer to 600 Interface Reference Guide.
	ADD	TEMPERATURE COMPENSATION OPTIONS
	-31	Temperature compensator, 3K ohm.
	-32	Temperature compensator, 100 ohm RTD
	-33	Temperature compensator, micro TC. -33P, micro TC with pinjacks
	-34	Temperature compensator, 1000 ohm RTD. -34P, 1000 ohm RTD with pinjacks
	ADD	OPTIONS
	-71(x)	Short sensor cable; length less than 1.8 m (6 ft), specify (x) feet
	-72(x)	Long sensor cable; length greater than 1.8 m (6 ft), max 30 m (100 ft), specify (x) feet, price per foot.
	-73	High temperature construction, 105 °C to 130 °C (221 °F to 266 °F) maximum. Requires option -5.
	-74	Stainless steel gland fitting, 1 inch MNPT; P/N A3100175
	-75	Titanium gland fitting, 1 inch MNPT; P/N A3100095
	-89	Stainless steel tag
	-93	Colored buffer 6-pack: 4, 7 & 10, P/N A1100054. For pure water see P/N A1100220-6P.
	-94	Buffer 4.0 pH, 500 mL bottle, red, P/N A1100051. For pure water see P/N A1100216.
	-95	Buffer 7.0 pH, 500 mL bottle, green, P/N A1100052. For pure water see P/N A1100217.
	-96	Buffer 10.0 pH, 500 mL bottle, blue, P/N A1100053. For pure water see P/N A1100218.

Sample Order:

607	-1	-21-22(655-T)	-34	Ball valve sensor with preamp, BV retractable fittings and 1000 ohm RTD
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DELIVERY estimate for 1-9 units
(quantity 10 & up, consult factory)

Stock to 3 weeks 607: Most options
3 to 10 weeks 607: -12 -23

CALIBRATION AND SERVICE SUPPLIES
Please see pH Buffer and Calibration Kit Sheets