

SS Ball-Valve Sensor with Lanyard Cables

SELECTION GUIDE

MODEL 605	BASIC DESCRIPTION (Stainless Steel Ball Valve Retractable pH Sensor) Industrial pH sensor constructed of rugged 316 SS material, 3/4 inch diameter body, 16 1/2 inch SS body length for ball valve retraction (12 inch cable) with solid plastic reference and long life porous plastic annular junction. Mounting 3/4 inch MNPT, maximum pressure 1.03 MPa (150 psi), maximum temperature 100 °C (212 °F) and measuring 0 pH to 14 pH. 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 length and 1.5 m (5 ft) cable length for direct insertion or submersion.	
-12	30 cm (12 inch) body length	
-13	Titanium body.	
-14	PVDF wetted electrode insulator (standard is CPVC).	
-19(x)	Extra long body, specify body length, (x) inch; price per inch × [(x) - 17]	
-21	Retractable ball valve, pressure 690 kPa (100 psi) max, 1 inch MNPT, fittings, safety lanyards, etc., P/N A2100052.	
-22(xxx)	Integral-mounted 600 interface in explosion proof UL & CSA J-box. Specify analyzer model number in brackets. 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 insertion gland fitting, 3/4 inch MNPT; P/N A3100002.	
-75	Titanium insertion gland fitting, 3/4 inch MNPT; P/N A3100003.	
-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:

605	-1	-21-22(655)	-33	Ball valve sensor with preamp, ball valve retractable fittings and micro TC
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DELIVERY estimate for 1-9 units
(quantity 10 & up, consult factory)

Stock to 3 weeks 605: Most options
3 to 10 weeks 605: -19 -23 -24 -25 -26

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