

547 Performance Series Cartridge Style pH/ORP Sensors

Mounting: Hot Tap Retractable (65 PSIG), High Pressure SS Flowcell (2500 PSIG)

Mtl	AIP	Body	Elec	Tip	TC	Opt	Dpth	Cble	Ref	Term
Body Material										
B		PVDF Kynar (note: previously options C (CPVC) and P (PolyPro), are still valid to quote/order, but supplied as upgraded "B", Kynar (PVDF) version)								
K		PEEK (not available with Solution Ground)								
O-Ring Seal Material										
V		Viton Extreme								
E		EPDM								
K		FFKM (perfluoro-elastomer)								
Body Configuration										
547		Replacement Cartridge, Valve Ins, Flow Cell, Kynar or PEEK avail High Pressure to 2500PSIG (Drawings: 2P0004 Cartridge; 2P0022 Hot Tap Pulp Stock; 2P0070 Hot Tap; 2P0044 HP; 2P0045 HP w/ Flange; 2P0073 Flow Cell)								
Measuring Electrode										
R		Ruggedized, Hemispherical Glass (0 - 14 pH) 15 to 130°C (59 to 266°F)								
E		Low Temp Hemispherical Glass (2 - 11 pH) -20 to 50°C (-4 to 122°F)								
CE		Coating Resistant, Low Temp Hemispherical Glass (2 - 11 pH) -20 to 50°C (-4 to 122°F)								
CF		Coating Resistant, Ruggedized, Flat Glass (0 - 14 pH) 20 to 130°C (68 to 266°F)								
CR		Coating Resistant, Ruggedized, Hemispherical Glass (0 - 14 pH) 15 to 130°C (59 to 266°F)								
FA		Antimony Non-Glass Electrode for Hydrofluoric Acid (3 - 8 pH) -20 to 80°C (-4 to 176°F) (No Temperature Compensation)								
FG		Ruggedized, Flat Glass (0 - 14 pH) 20 to 130°C (68 to 266°F)								
FR		Hydrofluoric Acid Resistant, Ruggedized, Hemispherical Glass (1 - 14 pH) 15 to 130°C (59 to 266°F)								
FH		Silica Resistant Coating, Ruggedized, Flat Glass (1 - 14 pH) 20 to 130°C (68 to 266°F)								
HR		Silica Resistant Coating, Ruggedized, Hemispherical Glass (1 - 14 pH) 15 to 130°C (59 to 266°F)								
PX		Platinum ORP, Flat Solid Billet (0 to +/- 1500 mV) 0 to 130°C (32 to 266°F) (No Temperature Compensation)								
Tip Configuration with Teflon Liquid Junction										
FT		Flush no tip protection								
GT		Flush no tip protection, with Solution Ground (Not for High Pressure)								
DT		Dual Notch								
LT		Dual Notch with Solution Ground (Not for High Pressure)								
Temperature Compensation (TC)										
N		None								
B		Balco 3.01K Ohm (2 Wire RTD)								
C		PT100 RTD (3 Wire RTD)								
H		Honeywell 8550 ohm (2 Wire RTD)								
K		PT1000 RTD (3 Wire RTD)								
Body Options										
S		Standard Body								
C		High pressure certification								
A		8 in. 316 Stainless Steel sheath (B5104-0068V)								
B		8 in. Titanium Grade 2 sheath (B5104-0058V)								
D		8 in. Hastelloy C sheath (B5104-0078V)								
E		16 in. 316 Stainless Steel sheath (B5104-0216V)								
F		16 in. Titanium Grade 2 sheath (B5104-0116V)								
G		16 in. Hastelloy C sheath (B5104-0316V)								
H		20 in. 316 Stainless Steel sheath (B5104-0220V)								
J		20 in. Titanium Grade 2 sheath (B5104-0120V)								
K		20 in. Hastelloy C sheath (B5104-0320V)								
L		24 in. 316 Stainless Steel sheath (B5104-0224V)								
M		24 in. Titanium Grade 2 sheath (B5104-0124V)								
N		24 in. Hastelloy C sheath (B5104-0324V)								
P		30 in. 316 Stainless Steel sheath (B5104-0230V)								
Q		30 in. Titanium Grade 2 sheath (B5104-0130V)								
R		30 in. Hastelloy C sheath (B5104-0330V)								
T		36 in. 316 Stainless Steel sheath (B5104-0236V)								
U		36 in. Titanium Grade 2 sheath (B5104-0136V)								
V		36 in. Hastelloy C sheath (B5104-0336V)								
W		60 in. 316 Stainless Steel sheath (B5104-0260V)								
X		60 in. Titanium Grade 2 sheath (B5104-0160V)								
Accessory Hardware (See "Accessories Guide" For Reference) Price: Left = Viton or EPDM Right = FFKM (Shaded)										
N		Standard Replacement								
Sensor O-Ring Material determines Accessory Hardware Material										
1		1" SS316 Wrench Tight Compression Fitting (B4954-0001V, E, K)								
4		1" Titanium Grade 2 Wrench Tight Compression Fitting (B4954-0009V, E, K)								
7		1" Hastelloy C Wrench Tight Compression Fitting (B4954-0002V, E, K)								
8		1-1/4" SS316 Hand Tight Compression Fitting (B4954-0003V, E, K)								
B		1-1/4" Titanium Grade 2 Hand Tight Compression Fitting (B4954-0005V, E, K)								
D		1-1/4" Hastelloy C Hand Tight Compression Fitting (B4954-0004V, E, K)								
E		1" Kynar (PVDF) Hand Tight Compression Fitting (40PSIG Max)								

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