

| 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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