

546 Performance Series 3/4" NPT pH/ORP Sensors										
Mounting: 3/4" In-Line or Submersible, High Pressure Hot Tap (300 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 Style										
546	3/4" MNPT Thread Inline/Submerged, Kynar/PEEK High Pressure for valve insertion available to 300PSIG (Drawings: 2P0001 Cartridge; 2P0007 Installation Examples; 2P0034 Flow Installations)									
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)									
C	PT100 RTD (3 Wire)									
H	Honeywell 8550 ohm (2 Wire)									
K	PT1000 RTD (3 Wire)									
Body Options										
S	Standard Body 546									
C	High pressure certification									
Insertion Depth from small end of front pipe thread to front of body										
0.5	0.5"									
1.0	1.0"									
1.5	1.5"									
2.0	2.0"									
2.5	2.5"									
3.0	3.0"									
3.5	3.5"									
4.0	4.0"									
4.5	4.5" (Max 546 No Wrench Flats, No Solution Ground GT, LT Option)									
5.0	5.0" (Max 546 No Wrench Flats, No Solution Ground GT, LT Option)									
Cable Configuration (See "Technical Note - Sensor Wiring Techniques" for Reference)										
JB	Junction Box Preinstalled (for use with B39 Extension cable when complete assembly is specified)									
T	8" Pigtail - for use with junction box (replacement sensor)									
T3	8" Pigtail for High Pressure Hot Tap (replacement sensor)									
PH	TOP68 Quick Disconnect Plug Head - (Temp Compensation must be "C" (Pt100) or "N" (none))									
1 to 5	1' to 5' Hi-temp, Lo-loss TPE Cable - Standard									
6 to 15	6' to 15' Hi-temp, Lo-loss TPE Cable									
16 to 30	16' to 30' Hi-temp, Lo-loss TPE Cable									
> 31 ft	Longer integral lengths available. Please consult factory for installation, application and pricing requirements. For lengths greater than 30 feet, please consider Junction Box, Extension Cable and possible pre-amp.									
XX Weeks	31 to 100									
Reference Wire (See "Technical Note - Sensor Wiring Techniques" for Reference)										
C	Reference wire on coax shield (Common with BNC leads used with B39 Ext Cables)									
E	Reference on separate wire (Best choice for direct wiring to analyzers)									
Lead Terminations (See "Technical Note - Sensor Wiring Techniques" for Reference)										
BT	BNC & Tinned Leads for TC									
BL	BNC & Spade Lugs for TC									
B2	BNC & 2 Pin Conn (use with B39 Ext Cables) for TC									
TT	All Tinned Leads for TC									
LL	All #6 Spade Lugs for TC									
PT	TOP68 Quick Disconnect Plug Tail on cable									
PP	All Wire Ferrules for TC									
Mtl	AIP	Body	Elec	Tip	TC	Opt	Depth	Cable	Ref	Term
B	V	546	R	DT	C	S	0.5	15	E	PP
										Typical