

Conductivity Sensors

High Performance 4 Electrode Conductivity Sensor




Max 150 PSIG @ 70°C - 40 PSIG @ Max 130°C

B	Kynar body PEEK insulator
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Seals

E	EPDM
V	Viton

Configuration

551	Quick-Change Inline (Drawing 2P0076)	
546	Threaded Inline/Submersible 3/4"MNPT (Drawing 2P0078)	
547	Cartridge for Valve Insertion Max Insertion/Retraction 65 PSIG (Drawing 2P0079)	

Electrode (True range is analyzer dependant)

SM	0 - 1,400 MicroSiemens - SS 316, 0.0275 cell constant
HM	0 - 1,400 MicroSiemens - Hastelloy C, 0.0275 cell constant
SH	0 - 2 Siemens - SS 316, 0.3727 cell constant
TH	0 - 2 Siemens - Titanium Gr2, cell constant 0.3727
HH	0 - 2 Siemens - Hastelloy C, 0.3727 cell constant

Integral Temperature Compensation

K	PT1000
C	PT100
B	3K Ohm Balco (120°C Max) 2 Wire

Insertion Depth

S	551 / 547 Standard
0.5	546, 1/2"
1.0	546, 1"
1.5	546, 1-1/2"
X.X	Other 546 special order, (0.5" Increments), 5.0" Max

Cable

T	8" Pigtail for (Junction Box 546/551)
T1	8" Pigtail for (8" assy 547 or High Pressure 547)
T2	8" Pigtail for (16" 547 assy)
T3	8" Pigtail for (20" 547 assy or 546 Hot Tap)
T4	8" Pigtail for (24" 547 assy)
T5	8" Pigtail for (30" 547 assy)
T6	8" Pigtail for (36" 547 assy)
T7	8" Pigtail for (60" 547 assy)
1 to 5	Footage 1 - 5'
6 to 20	Footage 6 - 20'
21 to 30	Footage 21 - 30'
31 to 40	Footage 31 - 40'
41 to 75	Footage 41 - 75'
76 to 100	Footage 76 - 100'

Lead Terminations

T	All Tinned
S	All Spades #6

B	E	547	SM	C	S	5	T
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