

Contacting Conductivity / TDS



GENERAL SPECIFICATIONS

	G1 Series SS Body Conductivity Sensors	G3 Series SS Body Tri Clamp Conductivity Sensors
Wetted Materials	316 Stainless Steel, Teflon Insulator	316 Stainless Steel, Teflon Insulator
Cell Constant	0.01; 0.1; 1.0; 10.0	0.01; 0.1; 1.0
Range	Refer below table for different controllers	
Temp. Element	Pt 100 / Pt 1000	Pt 100 / Pt 1000
Temperature Pressure Limit*	100°C, 140 psig, refer note 1	100°C, 140 psig
Sensor Mounting Style	¾ " NPTM	1" Triclamp / 1.5" Triclamp 2" Triclamp
Standard Cable Lenth	20 Feet (6 Meter)	20 Feet (6 Meter)

G1 or G3 SERIES CONDUCTIVITY SENSORS MEASUREMENT RANGE

G1/G3 Series conductivity sensor Cell Constant	G1000 / G2000 Controller Measurement Range		G CON 100 Transmitter Measurement Range
	CONDUCTIVITY	TDS	
0.01	0.00 to 20.00 uS/cm	0.00 to 10.00 ppm	Not Available
0.1	0.0 to 200.0 uS/cm	0.00 to 100.0 ppm	0 to 19.99 mS/cm; Range Selectable form R1 to R5 in Transmitter
1.0	0 to 2000 uS/cm	0.0 to 1000 ppm	0 to 199.9 mS/cm; Range Selectable form R1 to R6 in Transmitter
10 (Only For G1 Series)	0.00 to 20.00 mS/cm	0.00 to 10.00 ppt	0 to 199.9 mS/cm; Range Selectable form R2 to R6 in Transmitter