

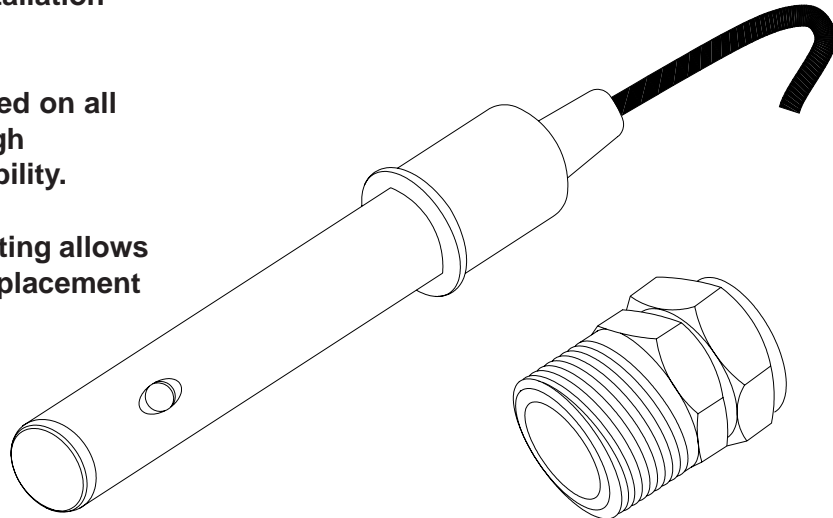
12MM & 1/2" MPT FITTING CONDUCTIVITY SENSORS

2/07



6103 GLENMONT • HOUSTON, TEXAS • 77081
800/522-7920 • FAX 713/772-4671 • 713/772-6641
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- **Small size enables convenient installation and service.**
- **O-ring seals used on all versions for high on-stream reliability.**
- **Plastic gland fitting allows removal and replacement without tools.**



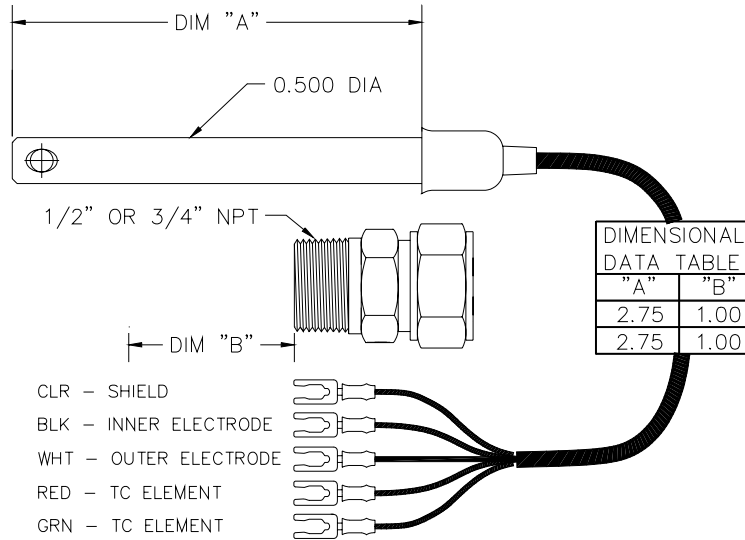
APPLICATION NOTES

Wetted materials of construction are 316 stainless steel and PEEK, with dual o-ring seals. The outer Viton® o-ring bears the brunt of process interface, allowing the back o-ring to maintain reliable sealing free from chemical attack. An integral temperature element, tailored to the analyzer of choice, allows automatic compensation for maximum accuracy. Leads are usually 10 feet with Spade Lug terminations.

Process connections are made via a bored-through swage fitting with 1/2" or 3/4" NPT threads. This fitting can be screwed into a line or a tank, and it can also be turned around and connected to a standpipe for use in a submersion configuration. These sensors are for general purpose use up to about 20,000 micromhos (on most analyzers) and for pure water streams at low conductivity levels.

SPECIFICATIONS

Max. Pressure/Temp. Ratings:	100 psig @ 100°C 200 psig @ 120°C w/316SS fitting
Connections:	Stainless Steel Process Fitting - 1/2" NPT Electrical - Spade Lug terminations on cable
Wetted Materials:	Insulator - PEEK O-rings - EPDM Electrode - 316SS (std)
Probe Constant:	0.01, 0.1, 1.0
Temperature Compensation:	Standard element is 10K ohms @ 25°C, for use with SDI, Uniloc, Myron L, Sensor Technology, Signet, ECD and others.



ORDERING INFORMATION

- To build your own part numbers, replace X's with selections listed in the drop-down menu.

C75	x	x	1	0	-	xx	SL
		Cell Constant				Lead Length (even)	
		1 0.01				Specify lead length in feet.	
		2 0.1					
		4 1.0					
		Temperature Compensator					
		0 None					
		4 720 ohm (L&N/Honeywell®)					
		9 8525 ohm (L&N/Honeywell®)					
		B 100 ohm (Platinum)(Rosemount®)					
		E 1000 ohm (Yokogawa®)					
		N 100 ohm (Nickel)(Yokogawa®)					
Accessories							
	1500705	316 stainless steel 1/2" Gland Fitting					

**FOR ADDITIONAL PRODUCT INFORMATION,
 CALL 713/772-6641 OR 800/522-7920
 E-mail: sales@VL-PC.com
 www.VL-PC.com**