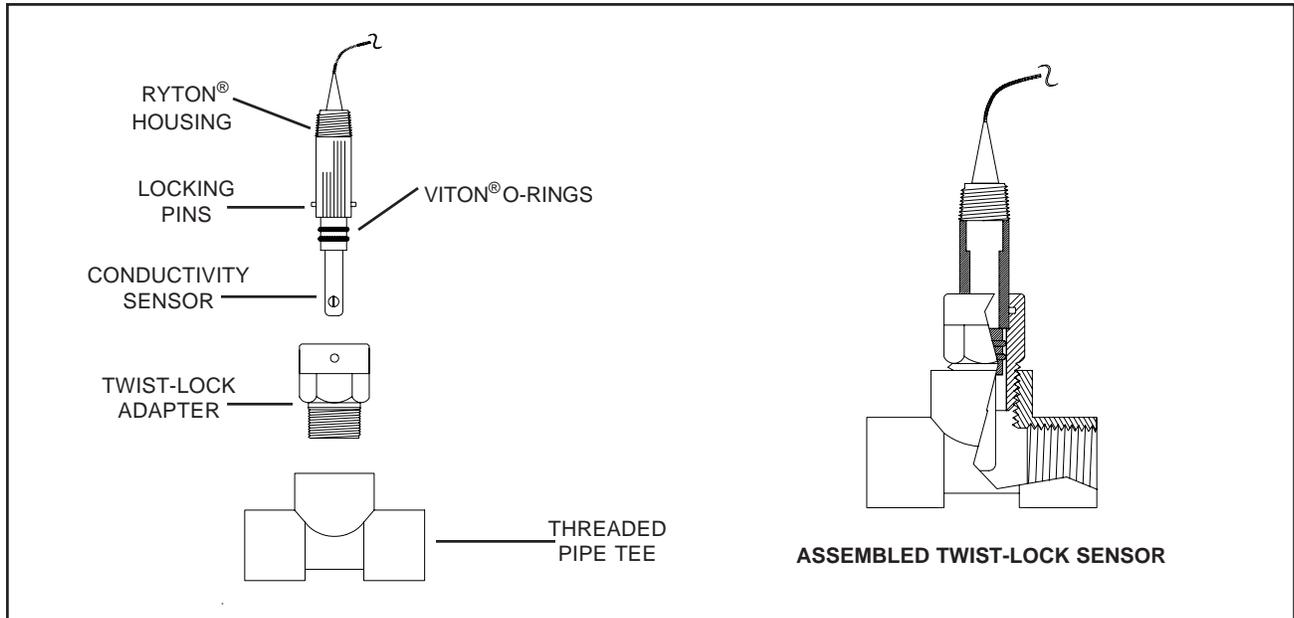


TWIST-LOCK CONDUCTIVITY SENSORS AND ADAPTERS

2/07



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Description

The Twist-Lock sensor, with locking pins and a dual o-ring seal, consists of a 12mm sensor and automatic temperature compensator permanently sealed into the housing. Using the sensor and an adapter, with several different connection sizes available, allows conversion of a standard pipe tee to a flow through sensor assembly.

Application

The mounting system provides for continuous conductivity monitoring and convenient service capability for flow through applications. It can be used in by-pass streams, sample systems, or sensor stations via an adapter and/or pipe tee.

Design Features

Dual external o-rings seal the adapter from any external process leakage. Internally, an o-ring between the sensor and housing prevents process contact with sealing epoxy, while undercutting "keys" sealing epoxy against heat or pressure separation. A ribbed barrel design permits ease of handling. Top threads allow for attachment of conduit if required. Twist-Lock adapters have a visible locking detent 90° from removal slot for positive electrode positioning, and a hexagonal shape for ease of installation or removal.

Standard Sensor Specifications

Electrode Height:	6"	Top Threads:	3/4" MPT
Maximum Pressure:	150 psig	Process Connection:	via Adapter (See Accessories)
Housing Material:	Ryton®	Locking Pins:	304SS
Sensor Material:	316SS & PEEK	Connector Type:	Spade Lugs
O-ring Material:	Viton® (standard)	Available Cell Constants:	0.01, 0.1 & 1.0

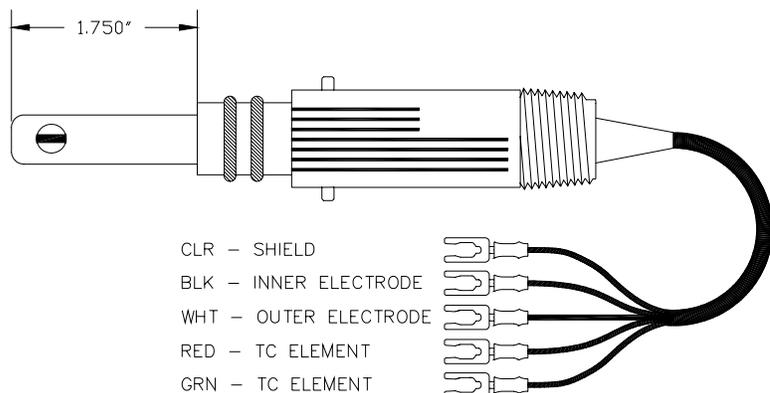
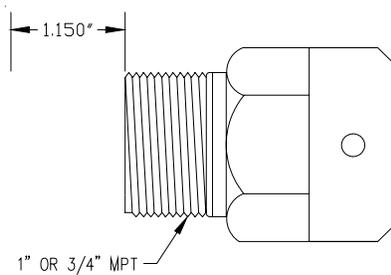
SEE REVERSE SIDE FOR SENSOR SELECTION AND ACCESSORIES.

TWIST-LOCK CONDUCTIVITY SENSORS AND ACCESSORIES

C19	"X"	"K"	14	-	"ZZ" SL
Lead length in feet (Standard is 10 feet)					
Cell Constant					
1 = 0.01					
2 = 0.1					
4 = 1.0					
Automatic Temperature Compensator					
B = PT100 ohm					
L = 10K ohm					
<i>Consult the factory for additional options.</i>					

TWIST-LOCK ACCESSORIES:

PART NO.	DESCRIPTION
1500142	316ss T/L Adapter, 3/4" MPT
1600142	Kynar® T/L Adapter, 3/4" MPT
1500143	316ss T/L Adapter, 1" MPT
1600143	Kynar® T/L Adapter, 1" MPT
1102203	PVC Pipe Tee, 1" FPT (Maximum Temperature: 60°C)
1502203	316ss Pipe Tee, 1" FPT
1602203	Kynar® Pipe Tee, 1" FPT



- CLR - SHIELD
- BLK - INNER ELECTRODE
- WHT - OUTER ELECTRODE
- RED - TC ELEMENT
- GRN - TC ELEMENT



Please contact our Asia Pacific distributor:

H2O Rx

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