SANITEC FITTING Sensor Option
For All CS10 and CS51 Sensor Models

**BENEFITS**
- Economic Value
- Small, Convenient Size
- 100 psi at 120°C
- Great for sanitary applications
- Field Replaceable

**DESCRIPTION**
Wetted materials of construction are 316 stainless steel and Teflon®, with double EPR O-ring seals. The first O-ring is the only one in contact with the stream, allowing the second O-ring to maintain reliable sealing, free from chemical attack. Temperature sensing elements are posted in the body itself. Leads are 10 ft./3 meters standard.

Process connections are customer specified sanitary blind flanges. The insertion depth is tailored for each flange size to obtain proper positioning in the standard tee fittings of the given piping system. The sensor is amenable to both steam sterilization, or cleaning by any of the commonly used sanitizing solutions such as bleach, ozone, etc.

* Teflon® is a registered trademark of DuPont.

**Model CSXX-STF**
- Designed for insertion into Ladish or Tri-Clover fittings
- Dual O-ring seals used on all versions for high on-stream reliability.
- Easily withstands steam sterilization

CS51 Sensor w/Sanitec Fitting

For more information, please visit our website at www.myronl.com

**MYRON L COMPANY**
Water Quality Instrumentation
Accuracy • Reliability • Simplicity
**SPECIFICATIONS**

**Maximum Pressure/Temperature Ratings**
- 100 psi/6,9 bar at 120°C/248°F

**Wetted Materials:**
- **Insulator:** Teflon®
- **O-rings:** EPR
- **Electrodes:** 316 Stainless Steel standard, optional materials available upon request.
- **Fitting:** 316 Stainless Steel

**Temperature Compensation**
- 10 KΩ @ 25°C/77°F
- 1000 Ω RTD
- RT100 & RT1000 available upon request.

**Connections:**
- **Process Fitting:** #16AMP solid end cap by Tri-Clover, for installation on side branch of Tri-Clover #7MP tee, size specified by customer.
- **Electrical:** Plain tinned wired ends, 22-24 gauge.

**Sensor Constant:**
<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Constant</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS10/CS10LS-STF</td>
<td>0-200 KΩ to 0-20 MΩ</td>
<td>0.1/0.05/0.02</td>
</tr>
<tr>
<td>CS51/CS51LS-STF</td>
<td>0-10 to 0-20,000 µS/ppm</td>
<td>1.0</td>
</tr>
<tr>
<td>CS51LC-STF</td>
<td>0-1 to 0-5 µS/ppm</td>
<td>0.1</td>
</tr>
<tr>
<td>CS51R-STF</td>
<td>0-10 to 0-20,000 µS/ppm</td>
<td>1.0</td>
</tr>
</tbody>
</table>

**LIMITED WARRANTY**
All Myron L conductivity sensors have a Two (2) Year Limited Warranty. If sensor fails to function normally, return the unit to the factory prepaid. If, in the opinion of the factory, failure was due to materials or workmanship, repair or replacement will be made without charge. A reasonable service charge will be made for diagnosis or repairs due to normal wear, abuse or tampering. Warranty is limited to the repair or replacement of the sensor only. The Myron L® Company assumes no other responsibility or liability.

**DIMENSIONAL DATA TABLE (in./mm)**
<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>“A”</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS10/CS10LS</td>
<td>.80/20.3</td>
</tr>
<tr>
<td>CS51/CS51LC/CS51LS</td>
<td>.30/7.6</td>
</tr>
</tbody>
</table>

**CONDUCTIVITY SENSOR with SANITEC FITTING**

Custom and OEM models available.

*Note: Drawing Not to Scale*

2450 Impala Drive
Carlsbad, CA 92010-7226 USA
Tel: +1-760-438-2021
Fax: +1-800-869-7668 / +1-760-931-9189
www.myronl.com

Built On Trust. Founded in 1957, the Myron L® Company is one of the world’s leading manufacturers of water quality instruments. Because of our commitment to product improvement, changes in design and specifications are possible. You have our assurance any changes will be guided by our product philosophy: accuracy, reliability, and simplicity.