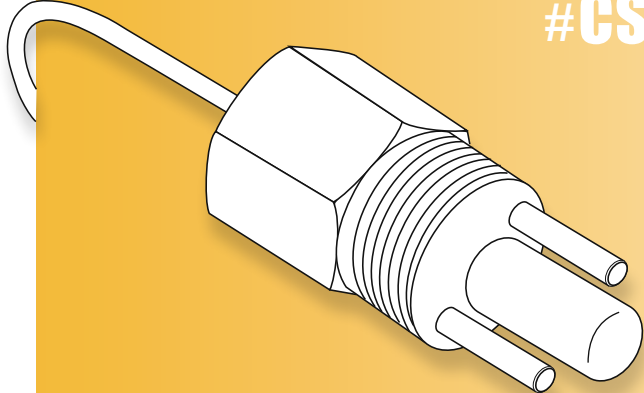


# CONDUCTIVITY SENSOR - CSA SERIES

For 750II Conductivity/TDS Monitor/controllers





Model  
#CSA

- *3/4" MNPT Fitting allows for easy installation*
- *Potted construction - No seals to leak*
- *Simple, reliable design for long life*
- *Available with or without automatic temperature compensation*
- *FDA approved materials*

**MODELS: CSA, CSATC, and CSAR (CTCII)**

## **BENEFITS**

- *Economic Value*
- *Small, Convenient Size*
- *75 psi at 60°C*
- *General Purpose Use*
- *Field Replaceable*

These sensors are designed for use in general purpose applications up to approximately 20,000  $\mu\text{S/ppm}$ . Open front end geometry resists clogging and reduces maintenance requirements to a minimum.

## **DESCRIPTION**

Wetted materials of construction are ABS plastic,

with 316 Stainless Steel electrodes. An integral temperature element provides for automatic temperature compensation on both the CSATC and CSAR. The thermowell containing the temperature sensing element in its tip is exposed directly to the fluid stream, assuring rapid response for maximum accuracy.

Potted construction ensures sensor reliability and long service life.

The sensor constant is 1.0. The ranges that can be achieved with these sensors are dependent on the model

and range of instrument — up to 20,000  $\mu\text{S/ppm}$  is the normal maximum range of use.



**Conductivity Sensor CSA**

*For more information, please visit our website at [www.myronl.com](http://www.myronl.com)*

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

## SPECIFICATIONS

**Maximum Pressure/  
Temperature Ratings** 75 psi/5,2 bar at 60°C/140°F

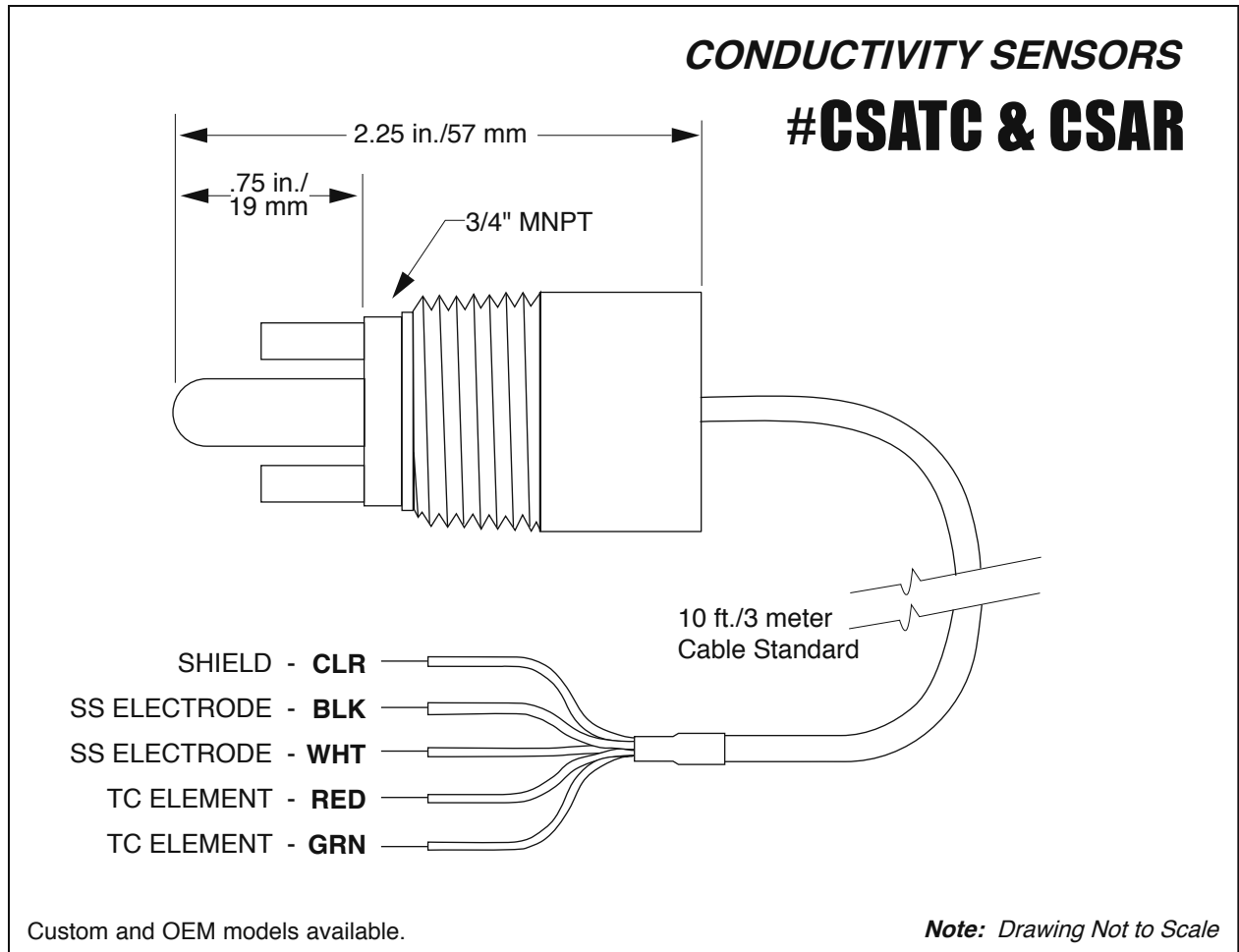
**Wetted Materials:** FDA Approved  
**Insulator** ABS  
**Electrodes** 316 Stainless Steel

**Temperature Compensation** CSA: None  
 CSATC: 10 KΩ @ 25°C/77°F  
 CSAR: 1000 Ω RTD

**Connections:** 3/4" NPT compatible with BSP  
**Process** 3/4" MNPT  
**Electrical** Plain tinned wire ends, 22-24 gauge.

Sensor Constant:		
Model	Range	Constant
All	0-10 to 0-20,000 μS/ppm	1.0*

\*Installation T-Fitting required (customer supplied).



## 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.

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**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.

