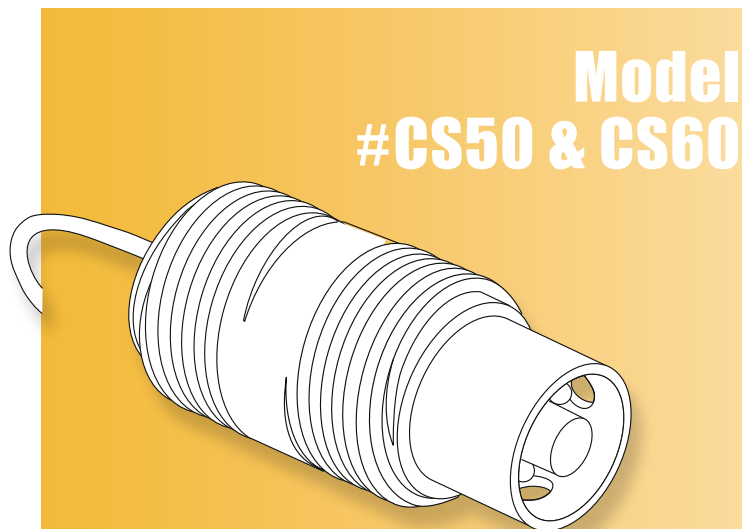


CONDUCTIVITY SENSOR #CS50 & CS60

For 750II Conductivity/TDS Monitor/controllers



Model #CS50 & CS60

- *Double threaded body can be used for either submersion or insertion.*
- *Dual O-ring seals used on all versions for high on-stream reliability.*
- *Superior chemical resistance*

BENEFITS

- *Economic Value*
- *Small, Convenient Size*
- *CS50: 100 psi at 95°C*
CS60: 100 psi at 120°C
- *General Purpose Use*
- *User Replaceable*

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

DESCRIPTION

Wetted materials of construction are CPVC or Teflon®*/Kynar®†, with 316 Stainless Steel electrodes as standard. The option to select other metals as electrode materials provides an unequalled chemical resistance capability.

Dual O-ring seals of EPR increase sensor reliability and service life. The first O-ring absorbs the brunt of chemical attack, allowing the second O-ring to operate in a protected environment, and insure continued sealing.

Sensor constants 0.1 and 1.0 are available. 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 CS50

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

*Teflon® is a registered trademark of DuPont.
†Kynar® is a registered trademark of Atochem.

SPECIFICATIONS

**Maximum Pressure/
Temperature Ratings** CS50: 100 psi/6,9 bar at 95°C/203°F
CS60: 100 psi/6,9 bar at 120°C/248°F

Wetted Materials:

Insulator CS50: CPVC
CS60: Teflon®/Kynar®

O-rings EPR

Electrodes 316 Stainless Steel standard, optional materials available upon request.

Temperature Compensation 10 KΩ @ 25°C/77°F
RT100 & RT1000 available upon request.

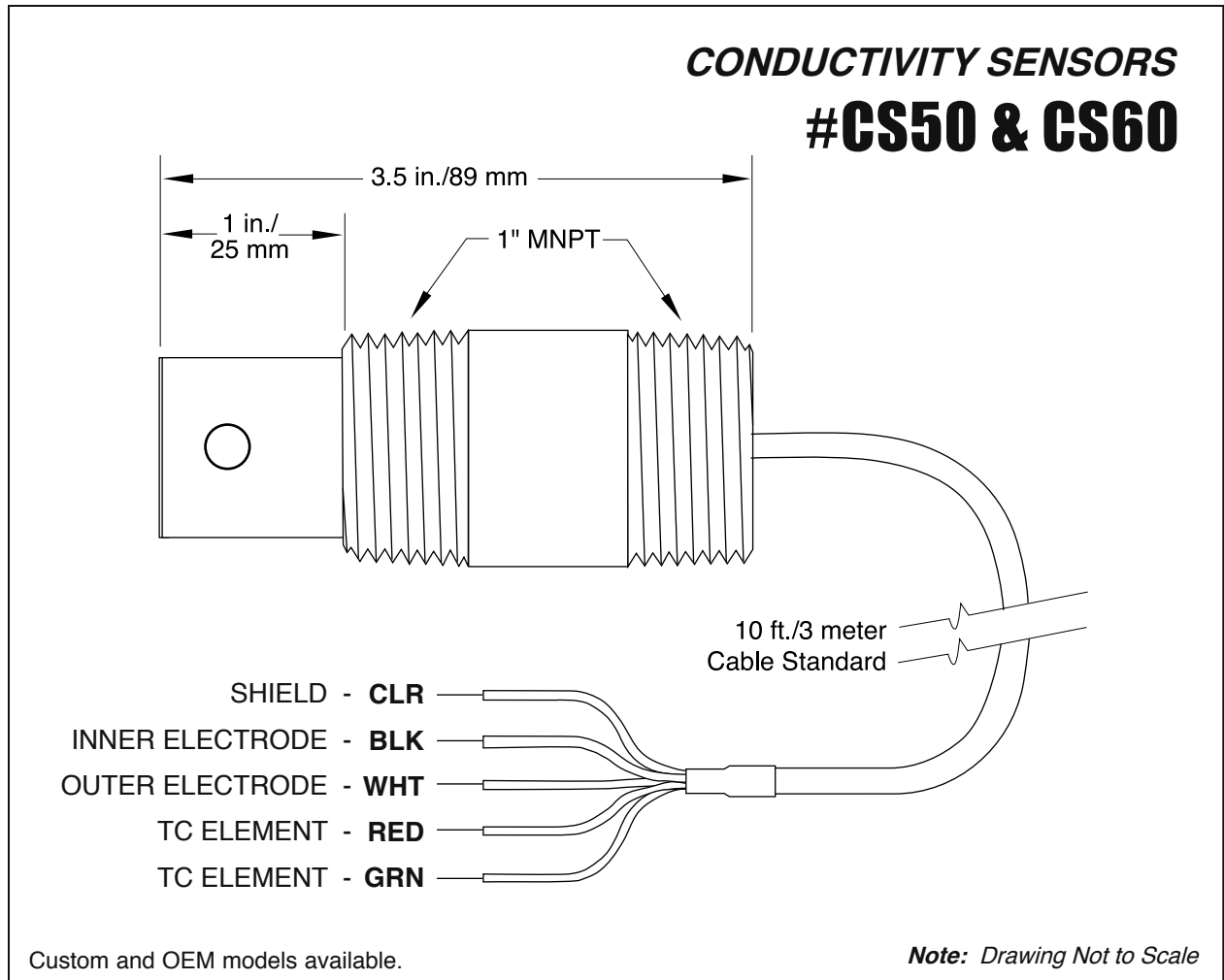
Connections:

Process 1" NPT

Electrical Plain tinned wire ends, 22-24 gauge.

Sensor Constant:

Model	Range	Constant
CS50/60	0-1 to 0-5 μS/ppm	0.1
	0-10 to 0-20,000 μS/ppm	1.0



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.

