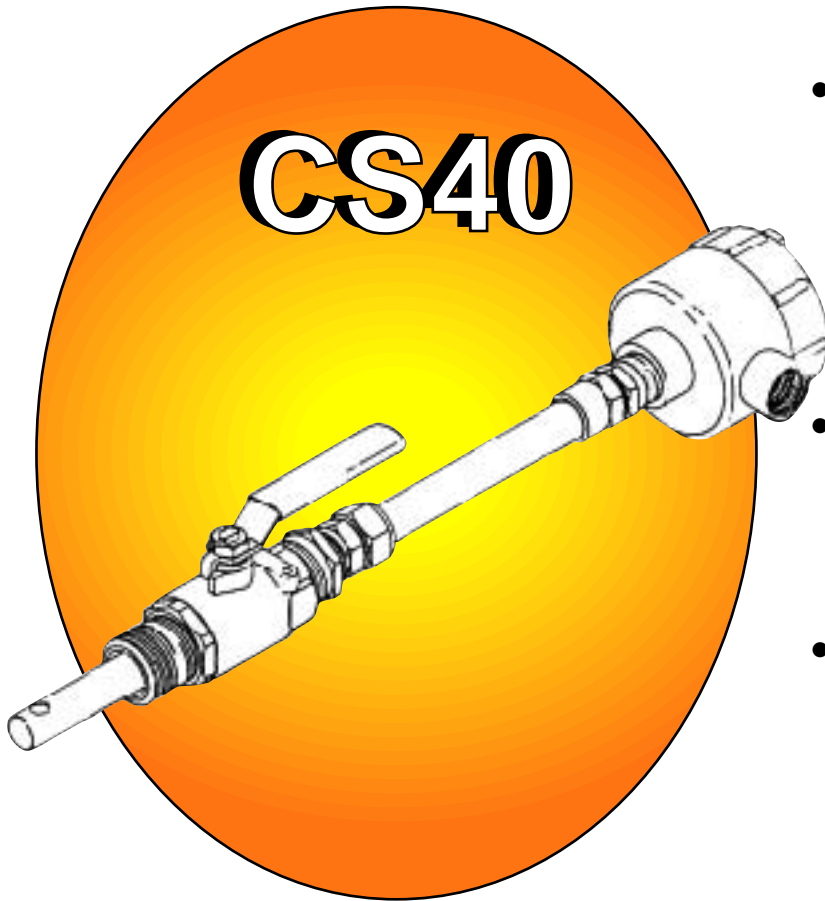


# Conductivity/Resistivity Sensor



- Measures Conductivity or Resistivity directly in process temperatures up to 205°C with Hi-Temp Option.
- O-ring seals used on all versions for high on-stream reliability.
- Optional Wet-Tap Valve allows insertion and removal while line is under pressure.

The Myron L Model CS40 sensor has been designed for a broad measurement range in difficult process conditions. It can be installed in submersion, insertion, or wet-tap configurations, and is good for most applications from high purity water to high chemical concentrations.

## Application Notes

Wetted materials of construction are 316 stainless steel and Kel-F or Teflon\*, depending on the range of temperature required. All possible leak paths through the sensor are double sealed with EPR O-rings for maximum on-stream reliability. The front O-rings protect the back ones from chemical attack, giving more than double the service life that can be expected from single sealed units.

Process connections are made via a bored through swage fitting with 3/4" NPT threads. This fitting can be screwed into a line, a tank, or the optional wet-tap valve assembly. It can also be turned around and connected to a standpipe for use in a submersion configuration. Available sensor constants of 0.05, 0.1, 1.0 & 10.0 giving it the broadest range of applications of any of our sensor models.

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