CONTROLLED DOCUMENT
DO NOT MODIFY

Double threaded body can be used for either submersion or insertion.

O-ring seals used on all versions for high on-stream reliability.

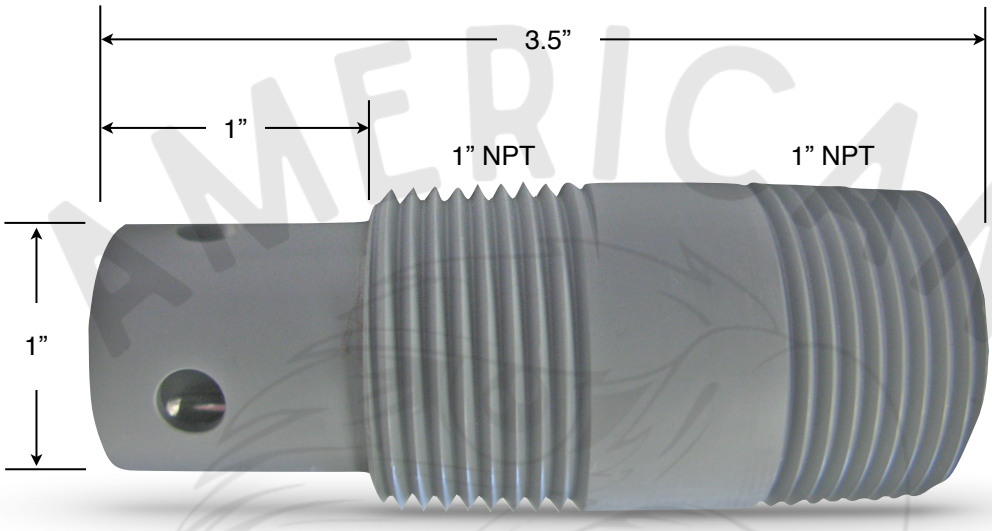
Can be used with many instrument brands by specifying the proper TC.

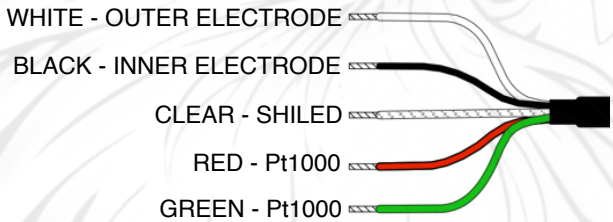
The ACS50 and ACS60 sensors are designed for use in general purpose applications, and provide outstanding chemical resistance. The open geometry of the designs helps resist clogging and reduce maintenance requirements to a minimum.

Application Notes

The wetted standard materials of construction are CPVC or Teflon/Kynar, with 316SS electrodes as standard. The option to select other metals as electrode materials provides an unequalled chemical resistance capability. Dual o-ring seals of EPDM increase sensor reliability and service life. The front seal absorbs the brunt of the chemical attack, allowing the rear o-ring to operate in a protected environment, and insure continued sealing. Cell constants available are 0.1, 1.0, and 2.0. The ranges that can be achieved with these constants is dependent on the analyzer they are paired with. TC selection is the critical to using these sensors effectively with a variety of instruments.

TITLE			
ACS50 & ACS60 CONDUCTIVITY SENSORS			
SIZE	PROJECT	DRAWING NO.	REV.
A	ACS	9013	A





ACS50 & ACS60 CONDUCTIVITY SENSOR SPECIFICATIONS

MAX. PRESSURE/TEMP. RATINGS
A**CS50** - 100 PSIG at 95°C
A**CS60** - 100 PSIG at 120°C

WETTED MATERIALS
Electrodes - 316L SS standard; more upon request.
Insulator - **ACS50** CPVC, **ACS60** Teflon
O-rings - EPDM FDA Approved

CELL CONSTANTS
2.0/1.0/0.2/0.1

CONNECTIONS:
Process - 1” NPT
Electrical - 24 gauge stripped and tinned ends.

TEMPEARTURE ELEMENT:
Pt1000 and Pt100 are standard, other options available. Provide the make and model of instrument for assistance in selecting the correct temperature element.

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