

CS52 Conductivity Sensor

The sensor has a small footprint for its high probe constant of 10.0. Its size and economical pricing make it ideal for use in various OEM applications, such as skid mounted R.O. systems, water treatment units, chemical dilutions, and many more.

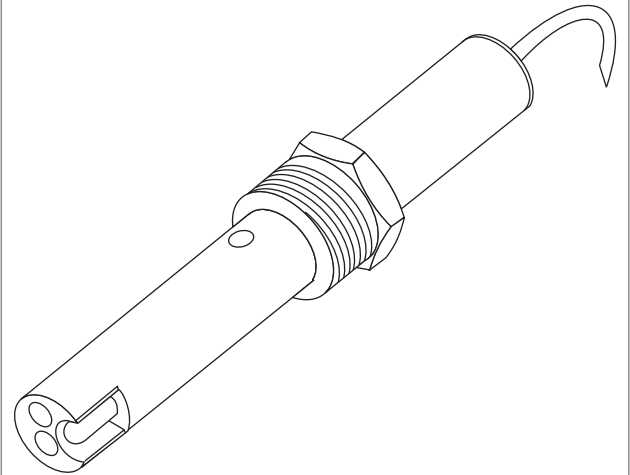
Salient Features

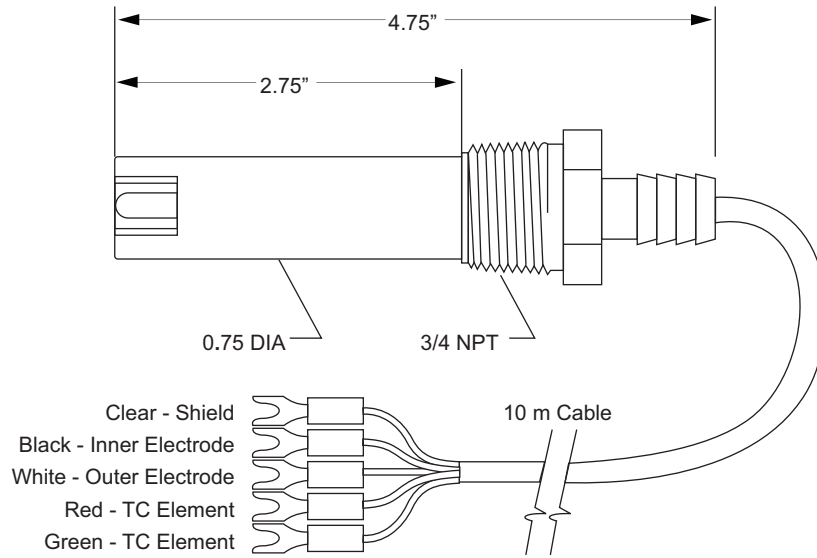
- Very compact size for a high probe constant sensor.
- O-ring seals used on all versions for high on-stream reliability.
- Thermowell for the temperature element assures rapid response.

Benefits

Wetted materials of construction are 316 stainless steel and CPVC, with double EPR o-ring seals. The outer o-ring is the only one to touch the process fluid, allowing the rear seal to operate free from chemical attack. The thermowell containing the temperature sensing element in its tip is exposed directly to the stream, assuring rapid automatic compensation for maximum accuracy.

Process connections are 3/4" NPT for insertion, and the back portion is 3/4" stainless steel tubing, which can be gripped by a swage fitting for submersion applications. When longer cable runs than the standard ten feet are required, a junction box can be attached to the back of the sensor in the same manner. A Teflon insulator is available as an option to the standard CPVC.





Specifications

Maximum Pressure/ Temperature Ratings : 100 PSIG at 95°C

Wetted Materials

Electrodes : 316 Stainless Steel
Insulator : CPVC
O-Rings : EPR

Probe Constant : 10.0

Connections Process : 3/4" NPT, or barbed fitting for connection of 3/8" ID flexible tubing so that sensor can be suspended by its cable into an open tank or stream without damage to the wires or insulation from strain or liquid.

Ordering Information

Model	Connection	Part No.
CS52 with inbuilt 10M cable	3/4"NPT	CS52-10-HT-PT100

Accessories

Housing

Type	MOC	Part No.
Flow Through Chamber	SS	FGC2013449
Flow Through Chamber	PP	FGC2011705



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