

Conductivity Sensor

C273

RODI C273 Conductivity Sensors are small, durable and cost effective.

- Small size for convenient installation and service.
- O-ring seals for high on-stream reliability.
- Plastic gland fitting allows removal and replacement without tools.

Application Notes

Wetted materials of construction are glass, platinum, and epoxy.

An integral temperature element allows automatic compensation for maximum accuracy.

Standard lead length is 15 feet. Longer leads are available and are attached to the sensor with a water-tight connector.

Process connections are made via a bored-through swage fitting with 1/2" or 3/4" NPT threads. This fitting can be screwed into a line or tank, and also can be turned around and connected to a standpipe for submersion configurations.

The C273 is good for general purpose use, especially systems requiring a cost-effective sensor.



Specifications

Max Pressure/Temperature Ratings

100 PSIG @ 80°C

Connections

Polypropylene Process Fitting 1/2" or 3/4" NPT

Electrical pin terminations on cable

Wetted Materials

Shroud — Epoxy

Insulator — Glass

O-rings — Viton®

Electrodes — Platinum

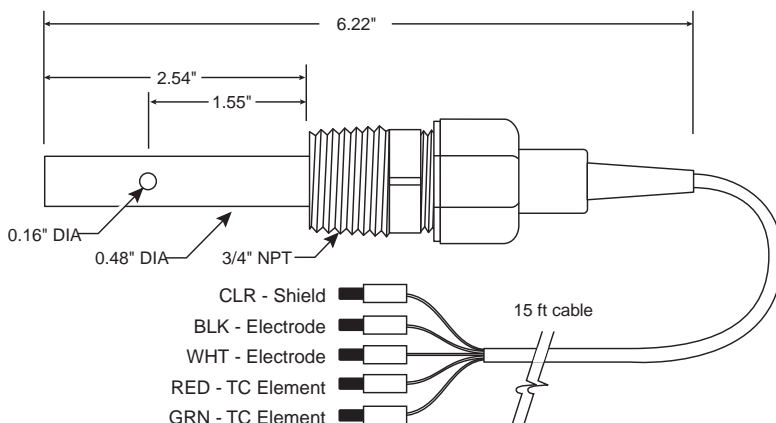
Fitting — Polypropylene

Probe Constant

1.0/0.1

Temperature Compensation

1000Ω Pt RTD



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