

Conductivity with Temperature sensor

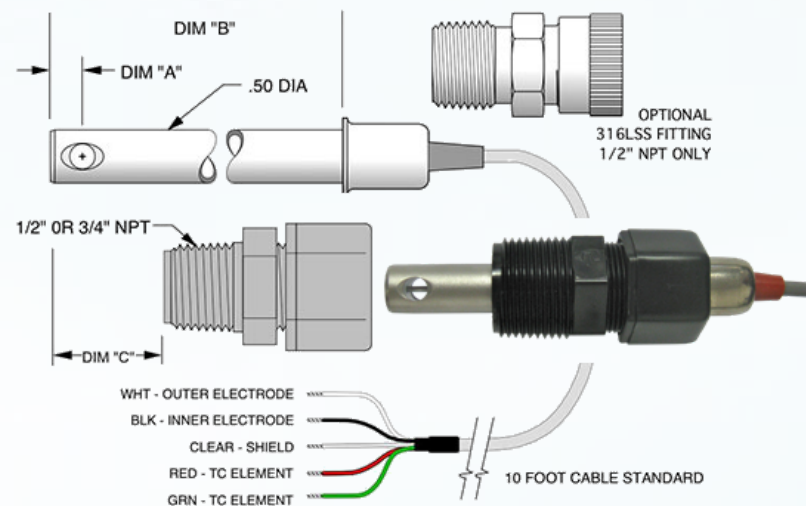
The Chemtrol® conductivity sensor offers a compact design that allows installation into standard pipe fittings in small line sizes, avoiding the need for special flow cells. Simplicity of the design also allows them to be economically offered in exotic metals for especially corrosive chemical applications.

- ✓ An integral temperature element tailored to the analyzer of choice allows automatic compensation for maximum accuracy
- ✓ Small size enables convenient installation and service
- ✓ O-ring seals used on all versions for high on-stream reliability
- ✓ Plastic gland fitting allows removal and replacement without tools

Chemical Resistant Wetted Materials

Wetted materials of construction are 316 stainless steel and Teflon, with double o-ring seals at all points. The outer EPDM o-ring bears the brunt of process interface, allowing the back o-ring to maintain reliable sealing free from chemical attack.

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Specifications

- Small size enables convenient installation and service
- O-ring seals used on all versions for high onstream reliability
- Plastic gland fitting allows removal and replacement without tools
- Wetted Materials:
 - Insulator – Teflon
 - O-Rings – EPDM FDA APPROVED
 - Metals – 316LSS Standard; Monel, Titanium and Hastelloy optional.
 - Fitting – Polypropylene Standard, 316LSS and Kynar optional.

Options

Max. pressure/Temp. ratings:

- ✓ 100 PSIG at 100°C w/POLYPRO
- ✓ 150 PSIG at 120°C w/Kynar
- ✓ 200 PSIG at 120°C w/316SS FITTING
- ✓ 500 PSIG at 100°C w/316SS FITTING W