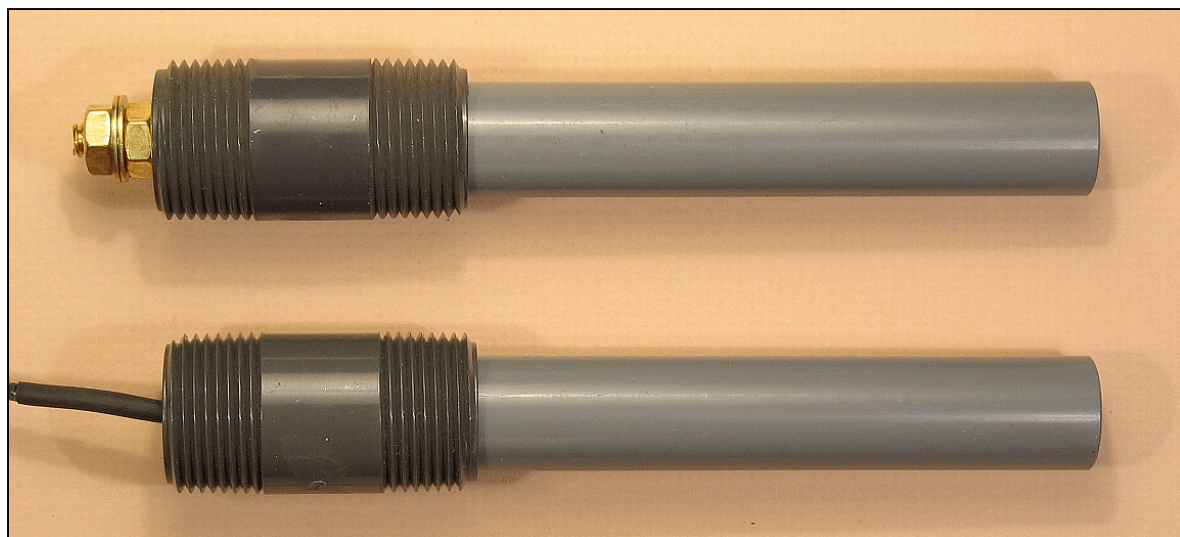


Standard Duty Through-wall Reference Electrode

Model FS

Through-wall reference electrodes are used for measuring corrosion potential on the inside of condenser waterboxes, circulating pipes, tanks and vessels. These electrodes are installed by threading into a tapped hole on the wall; a junction box is typically attached to the other end to protect the wiring connections.



Model FS, with a CPVC extension tube and a $\frac{3}{4}$ inch NPS PVC nipple, is designed for standard duty applications. It can be used at pressures up to 40 psi (270 kPa) and intermittent temperatures up to 180°F (82°C). For applications involving pressures up to 75 psi (0.5 MPa), our Heavy Duty Through-wall Reference Electrode, Model FH, is preferred.

The temperature limits stated are those for the wetted materials of construction. Through-wall reference electrodes should generally not be continuously used at temperatures exceeding 110°F (45°C) because the reference potential will be significantly different from its value at ambient temperature and the electrode service life will be drastically shortened. The product will survive occasional brief temperature excursions up to the limits stated in the preceding paragraph. For applications involving continuous exposure to temperatures over 110°F (45°C), our Process Vessel Reference Electrode, Model FE, is recommended.

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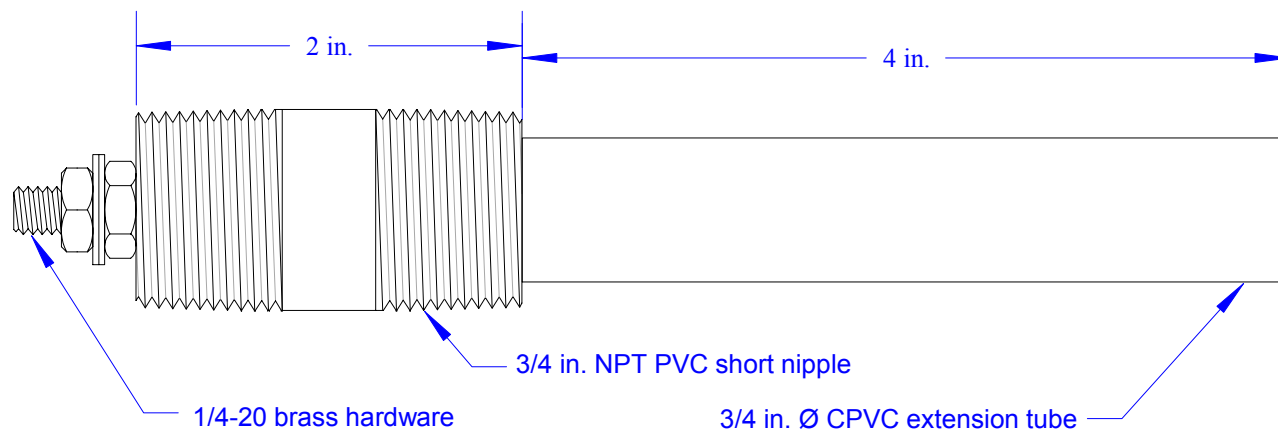
PO Box 789, Middlefield, OH 44062 440-632-5616

info@edi-cp.com

www.edi-cp.com

*F Series
Through-Wall
Reference
Electrodes*

Model FS-xxx-ST - Stud End



Model FS-xxx-SW - Short Wire

termination is 1 foot of #16 AWG lead wire

Model FS-xxx-LWnnn - Long Wire

termination is nnn feet of #16 AWG lead wire

xxx in model designation refers to element type

AGD = Ag/AgCl (dry)

AGG = Ag/AgCl (saturated, gelled)

CUG = Cu/CuSO₄ (saturated, gelled)

ZIN = 99.99% zinc

Refer to drawing FX01 for probe extensions other than 4 inches.

