

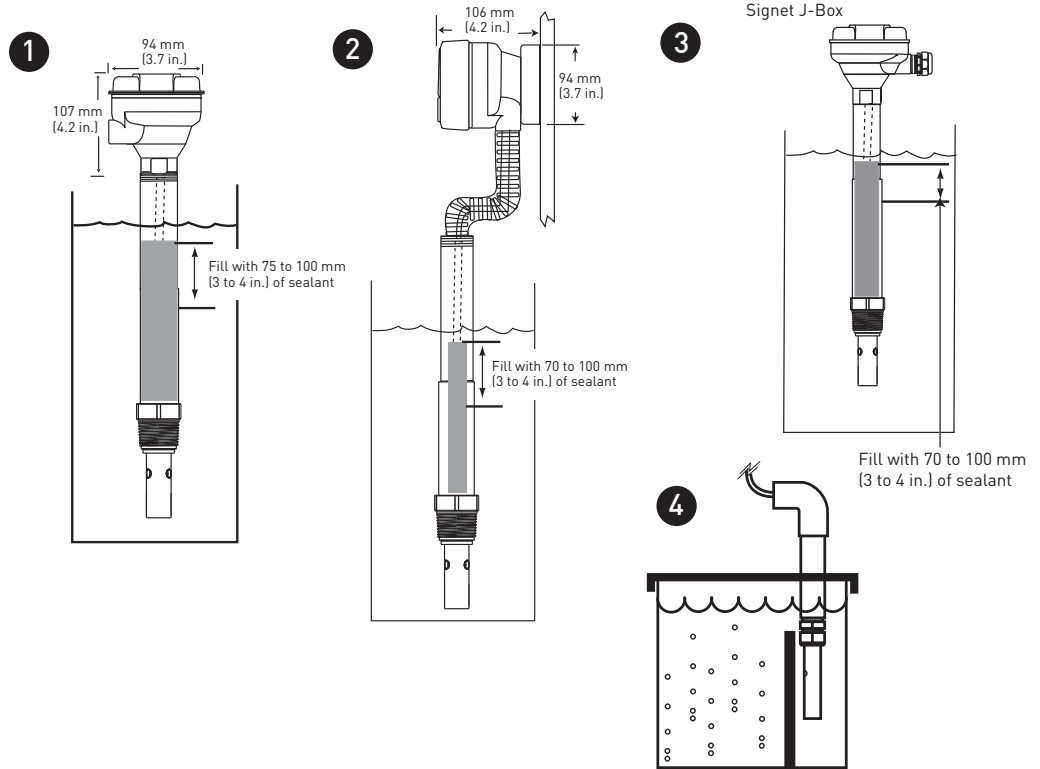
Installation of Conductivity/Resistivity Electrodes

I. Submersible Installation

2819 to 2823/2839-1 to 2842-1 with 2850 Sensor Electronics

- Installation Tips**
- Use standard installation hardware to connect the submersible 2850-3 or -4 directly to external equipment.
 - In aerated vessels install the electrode in a stilling well to prevent air from being trapped inside the electrode.

- Electrode with 2850 Sensor Electronics shown below.
- All mounting brackets, electrical conduits, and pipe extensions are customer supplied.
- Sensor Models 2819-2823 are mounted similarly, except use a 3/4" MNPT Thread to mount to a 3/4" FNPT pipe thread (customer supplied).

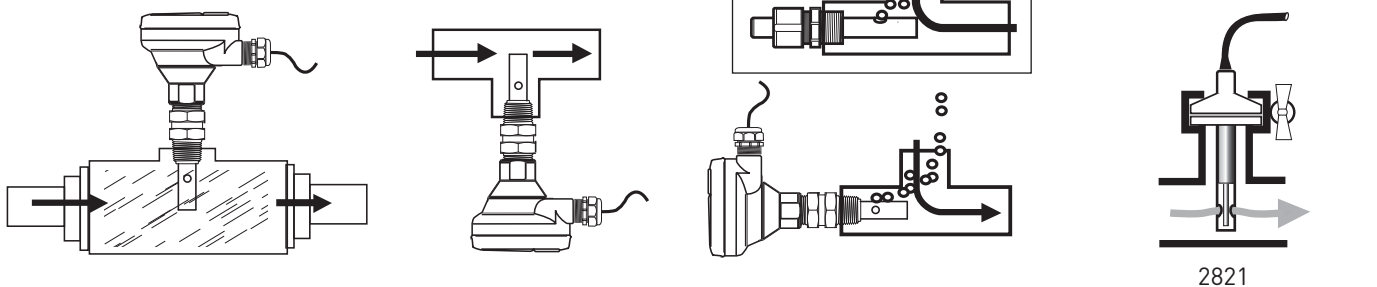


II. In-Line Installation

- Conductivity/Resistivity electrodes can be installed into standard 3/4 inch NPT fittings or ISO 7/1-R 3/4 threaded fittings.
- The preferred installation for in-line applications directs flow straight into the electrode. This configuration reduces the probability of entrapped air bubbles, and provides the best continuous sampling of the fluid content.
- If the electrode is mounted vertically in a tee, do not recess the orifices inside the tee. Mounting upside down may help prevent air entrapment.
- An oversized tee or flow cell may be helpful for inline installations.
- At least 4 threads (ANSI B1.20.1) must be engaged to meet pressure rating per published specifications.

Tri-clamp Connections

- Models 2819-2821 are offered with 1 to 1 1/2 inch and 2 inch sanitary fittings.



Installation & Wiring