



### PVDF By-Pass/Side-Stream pH and ORP Electrode Fittings - Without Temperature Compensation

#### Description of Parts

FC60K modified 1" PVDF tee  
S648 Cap and cable assembly

#### Mechanical Installation

Use teflon tape or other pipe thread sealant to connect the FC60K into the pipeline. Take care to not overtighten plastic threads but make sure threads don't leak.

#### Electrode Installation

Install electrode into FC60K tee assembly. Make sure the o-ring on the electrode has a liberal coating of silicone o-ring grease

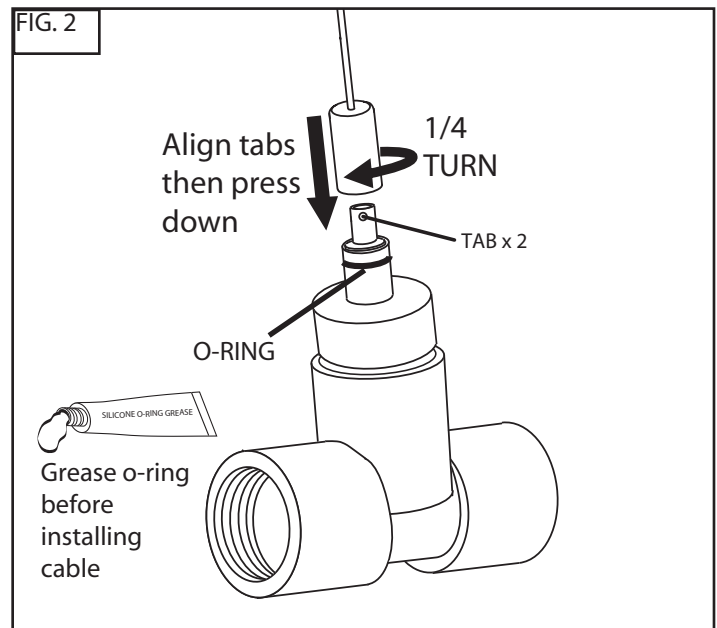
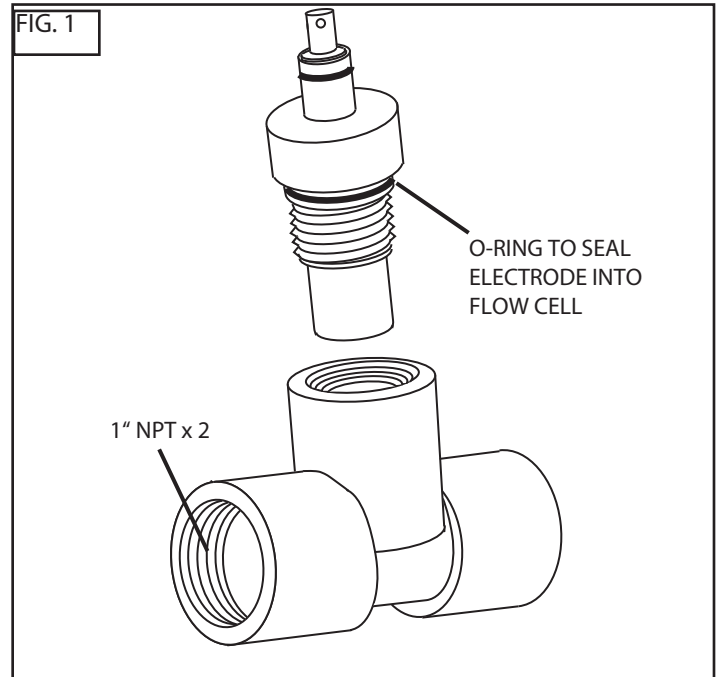
#### Cable Considerations

Install cap and cable assembly by aligning tabs of electrode connector with notches in internal BNC of cap. Press down firmly then turn clockwise 1/4 turn to engage.

The exposed cable should be secured to supports to prevent cable sway. For installing the cable in conduit, a threaded cable cap assembly should be used. Before the main rigid conduit, a short length of flexible, waterproof conduit should be used so that the electrode can installed and removed from the mounting gland.

#### Electrical Installation

The cable assembly connects the electrode to the pH pre-amplifier, transmitter or meter. It is usually supplied with connector(s) to match those of the pH meter.



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