

Part Numbers: 0063490, Temperature Sensor; 0063460, Conductivity/Temperature Sensor

## Getting Started

### 1 Install the sensor.



Remove dust cap from sensor.



Apply a pea-sized drop of lubricant to O-rings.



Install sensor in port 1. Sensor tongue must slide into blue interlock groove.

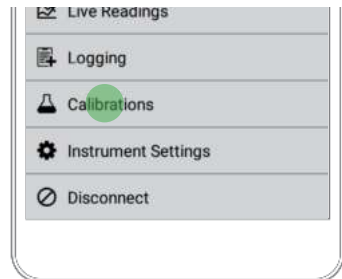


Tighten screw at base of each sensor with Allen wrench. Reinstall the instrument restrictor.

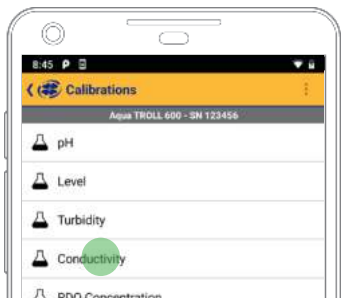
### 2 Calibrate.



Connect the instrument to the VuSitu mobile app.



Choose **Calibrations** from the menu.



Select **Conductivity** from the parameters list.



Follow the instructions to calibrate the sensor.

## Cleaning and Storing



Soaking the sensor in vinegar for longer than one hour can cause serious damage.

### Cleaning

Begin with the most gentle cleaning method and continue to the other methods only if necessary. To clean the conductivity sensor face, gently rinse with clean, cold water. If further cleaning is required, consider the nature of the debris.

**To remove crystalline deposits:**

- 1 Clean the sensor face with warm water and mild soap.
- 2 Use a soft brush to gently clean the sensor pins and temperature button. Ensure removal of all debris around the base of the pins and button.
- 3 If crystalline deposits persist, soak in 5% HCl for 10 to 30 minutes followed by warm soapy water and soft brushing.

**To remove oily or greasy residue:**

- 1 Clean the sensor face with warm water and mild soap.
- 2 Using a soft brush, gently clean the sensor pins and temperature button. Ensure removal of all residue around the base of the pins and temperature button.
- 3 Isopropyl alcohol may be used for short soaking periods, up to one hour.
- 4 Do not soak in strong solvents such as chlorinated solvents, ethers or ketones (such as acetone).

**To remove protein-like material, or slimy film:**

- 1 Clean the sensor face with warm water and mild soap.
- 2 Using a soft brush, gently clean the sensor pins and temperature button. Ensure removal of all material/film around the base of the pins and temperature button.
- 3 Soak the sensor in 0.10% HCl for 10 minutes and then rinse thoroughly with distilled water.

## ***Storing the Sensor***

Prior to installation, store the sensor in the factory supplied container.

Once installed on the sonde, the Temperature Sensor and Conductivity Sensor can be stored wet or dry depending on the sensor configuration of the sonde.

For the best accuracy over instrument life, keep the conductivity cell submersed in water for 24-48 hours prior to calibration and deployment.