

Turbidity Sensor

Part Number 0063480

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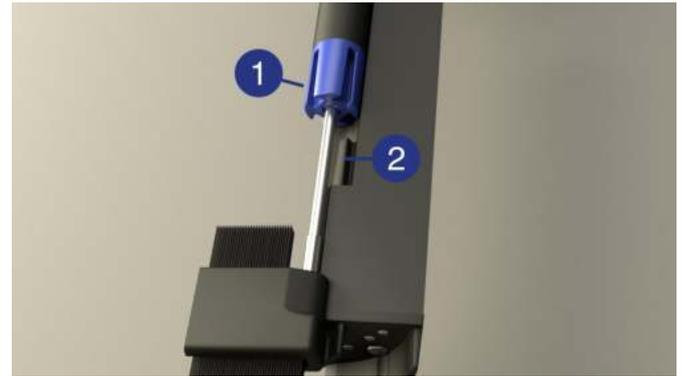
Description

The Turbidity Sensor measures the intensity of light scattered at right angles (90°) to the incident light in a solution containing suspended and dissolved particles. The sensor is designed and manufactured for long-lasting, accurate results in a variety of environmental waters.

Installation

1. Remove any moisture or dirt from the instrument and remove the port plug or other sensor from the sensor port. Retain the plug for future storage.
2. Remove the dust cap from the sensor connector. Check lubrication of the O-rings. If the O-rings appear dry, apply a small amount of silicone lubricant, provided in the sensor box, before installation.
3. Insert the sensor into the sonde and push until it is fully installed and flush.

✓ Notice the blue sensor interlock grooves on the wiper motor. You must install the sensors so that they slide into the grooves.



1	Sensor interlock grooves
2	Sensor interlock tab

4. Use the Allen wrench to tighten the screw at the base of the sensor. Do not overtighten the screws.

Sensor Calibration Procedure

For proper calibration procedures for all sensors, please consult the instrument manual.

Cleaning and Storing the Turbidity Sensor

Routine Maintenance

The optical windows should be clear of foreign material. To clear material gently rub the sensing windows using clean water and a soft cloth or swab. Do not use solvents on the sensor.

Storage

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

Once installed on the sonde, the turbidity sensor can be stored wet or dry depending on the sensor configuration of the sonde.