
Antifouling Guard for the RDO[®] Probes

Instruction Sheet

Part Number 0081300

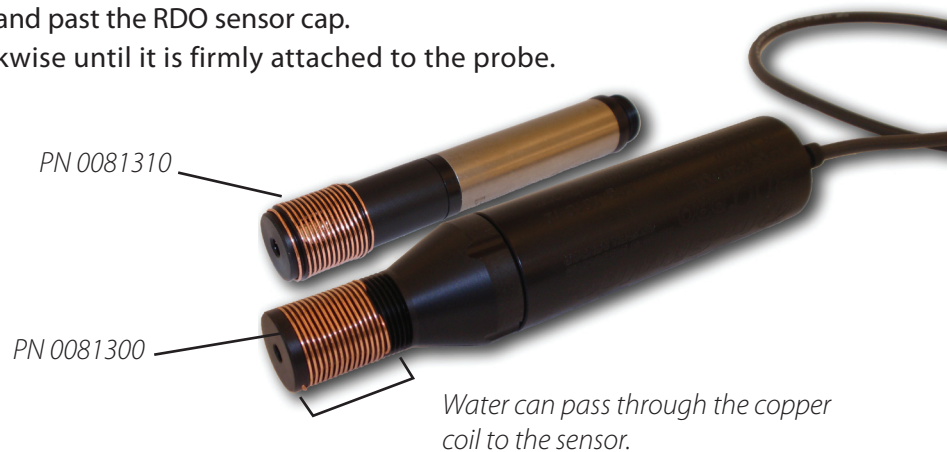
Part Number 0081310

Overview

The antifouling guard is designed to reduce biological fouling of the RDO probes. Reduced fouling improves measurement accuracy and extends the length of instrument deployment. For optimum performance, replace the guard every 6 months, or as needed.

Instructions

1. Turn the original nose cone counterclockwise and remove it from the probe leaving the RDO sensor cap in place.
2. Slide the copper guard over and past the RDO sensor cap.
3. Turn the copper guard clockwise until it is firmly attached to the probe.



Cleaning Tips

- Remove the guard and clean the instrument with a soft bristle brush to remove visible debris.
- **RDO Sensor Cap**—Do not remove the sensor cap. Clean with the cap in place. Rinse the sensor cap with clean water. Gently clean with a soft-bristled brush or soft cloth. Use Alconox[®] if necessary to remove grease. When extensive debris or mineral buildup is present, soak in vinegar for 15 min., then soak in deionized water for 15 min. Do not use organic solvents because they will damage the sensor.
- **Copper Guard**—Wear appropriate personal protective equipment before cleaning the copper guard. Remove the guard and soak it in a standard calcium lime and rust (CLR) solution for five minutes. Scrub the guard with a soft bristle brush. Rinse with water and repeat if necessary. Do not clean the RDO sensor or the instrument with the CLR solution.