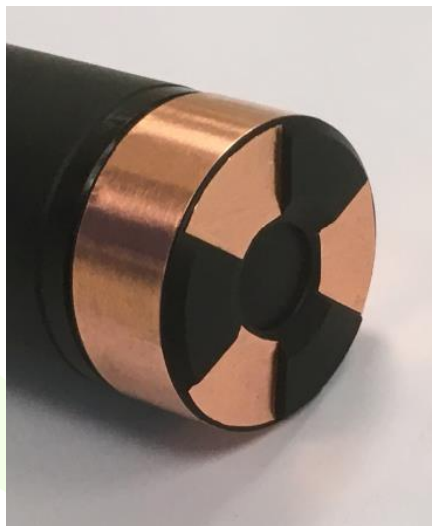


OPTOD plastic sensor Antifouling protection replacement



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The purpose of this document is to accompany the procedure for replacing the antifouling protection on the OPTOD DO sensor strainer.

1. REQUIREMENT.

Tools: Nylon spatula or equivalent.
Soap or isopropyl alcohol.

Anti-fouling protection for standard PVC strainer OPTOD plastic (3 fins and 1 side band in copper. reference PF-ACC-C-00505).

If needed: Spare DODISK for OPTOD Plastic (o-ring included) (reference PF-ACC-C-00478).

2. REMOVING OLD ANTIFOULING COPPER.

When copper is oxidated, it results in a lack of antifouling effectiveness.

This one needs to be changed.

This operation must be done with strainer cap removed from the sensor and sensitive disk remove from the strainer cap in order not to damage the sensitive membrane.

Check the Sensitive disk condition, if a replacement is needed, please refer to the maintenance manual.

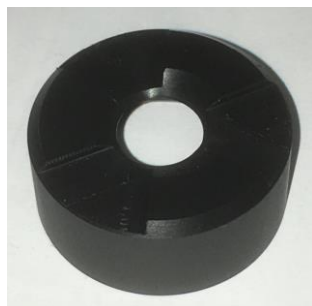


2.1 STEP 1: REMOVE USED COPPER.

1 - Remove old copper by scrubbing with a nylon spatula or equivalent

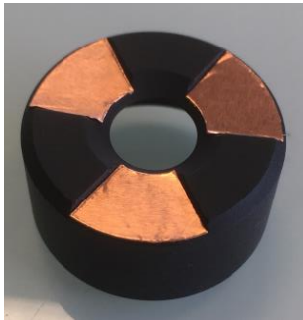
Do not use the abrasive tool: risk of scratching the strainer cap surfaces resulting in bad adherence of future antifouling copper.

2- Remove copper and glue residues by scrubbing with a soapy water solution or isopropyl alcohol.

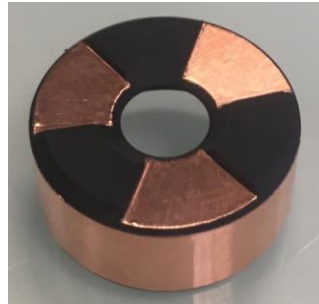
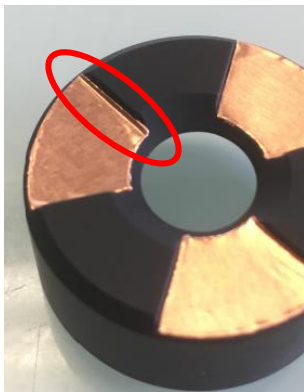


2.2 STEP 2: INSTALLATING NEW ANTIFOULING COPPER.

1- Apply adhesives well, using a nylon or stainless-steel spatula.



2- If the adhesive rises on an edge, cut off the excess at the base of the edge using a cutter/scalpel.



3 - Position a the sensitive membrane DODISK in the strainer cap following the maintenance manual;

4 - Screw the strainer cap with its sensitive disk on the probe following the maintenance manual.

/!\ Caution : Check the well position of the o-ring in its groove => risk of water infiltration under sensitive disk resulting in default measurement.

O-ring in his throat

