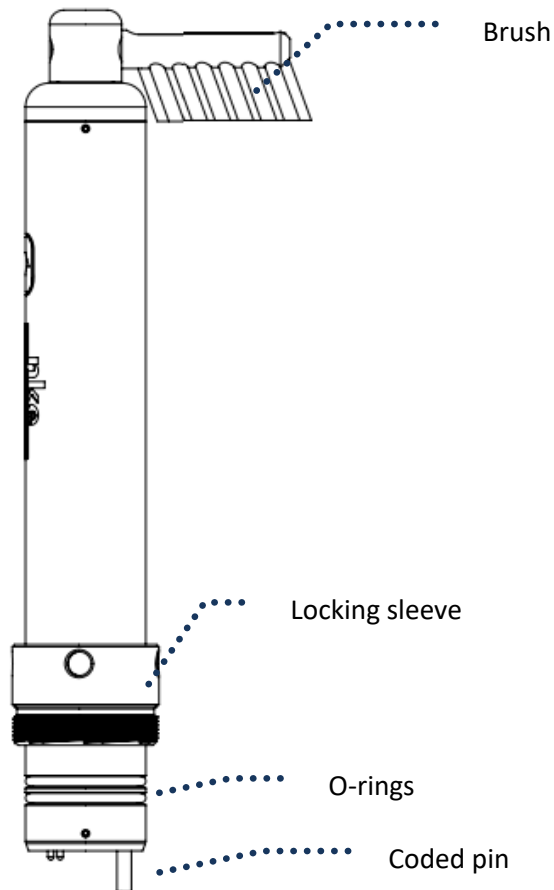


1 Description

The WiMo and WiMo Plus sondes allow a cleaning device on their location. This device is a smart wiper. It self-configures according to the sensors that are connected to the sonde. It automatically detects whether the sensors need or can be cleaned and adjusts its wipe accordingly. The use of this device keeps the optical window of the sensors clean from biofouling and reduces the need for site visits to manually clean the sensors.

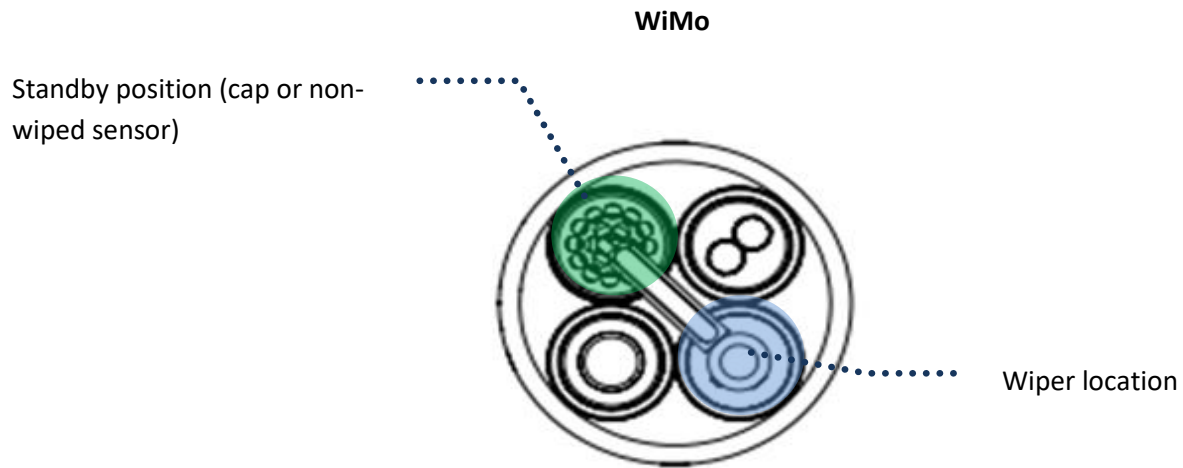


2 Precautions to be taken during installation

You must take care to avoid having a sensor that should be wiped below the brush in the standby position.

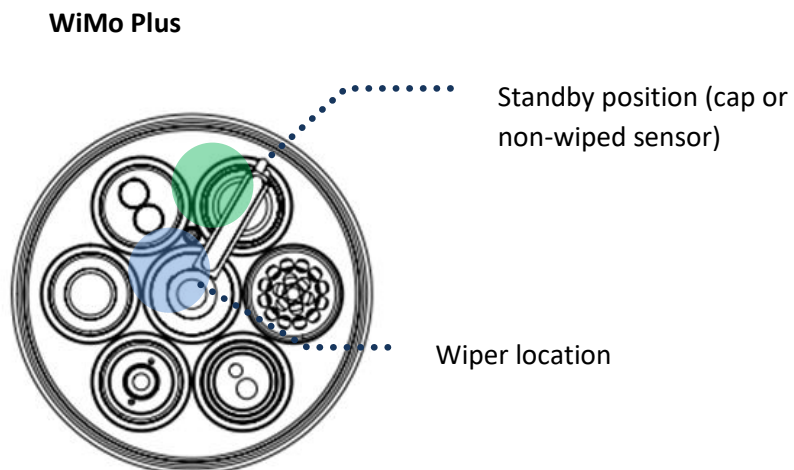
2.1 WiMo Probe

On version 4 slots (WiMo) the wiper can be placed on any location



2.2 WiMo Plus

On version 7 locations (WiMo Plus) the position of the wiper is unique and central.



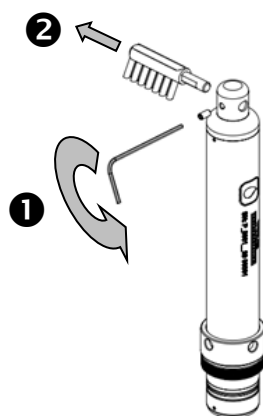
3 Recommendation

The wiper doesn't require lots of maintenance and the only part that can be replaced by the user is the brush. Regular maintenance of the equipment will ensure maximum longevity.

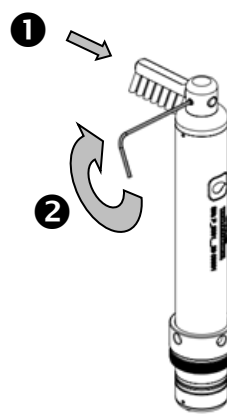
4 Replace wiper brush

The wiper brush should be replaced if it is damaged or if it is contaminated by organic and/or inorganic waste that may influence or degrade sensor measurements. There is no need to remove the wiper from the sonde to replace the brush.

Unscrew the headless screw using the Allen key provided to free the brush. Remove the brush and replace it with a new brush. Insert the headless screw and screw it until the brush is blocked (Brush must not be able to move in rotation or traction)



Dismantling



Mounting

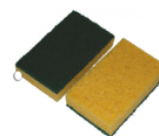
5 Routine maintenance

Deposits such as biofilm (or silt), silt and mud must be carefully removed.

Use a sponge with warm soapy water (such as dishwashing liquid) to clean the sensor body. Never use abrasive agents (e.g. a scouring sponge).

In case of heavy contamination with barnacles (or calcifying organisms), rinsing the sensor with water may not be sufficient. Depending on the degree of contamination, we recommend removing the heaviest contamination with a plastic scraper. Then use a soft sponge with a 5% acetic acid solution (white vinegar), preferably with warm water, and rinse the sensor with fresh water.

Wipe and dry the sensor with a soft cloth or optical wipes.



5.1 O-rings maintenance

The O-rings seal the probe. Any O-rings damaged can affect the reliability of the sonde. A visual inspection must be done each time a sensor is plugged or unplugged and also when battery compartment is opened. Check that no hair-type, particle-like elements are found on the O-rings. If the surface has impurities, gently clean them with a non-fluffy wipe and lightly grease the O-rings with molykote grease. Any damaged O-rings must be changed.

6 Return a product to the factory

For a consideration of your product by our after-sales service it is essential to follow the RMA procedure. Any material returned without an RMA number will not be taken into account.

- In case of shipment for repair or expertise, obtain an RMA number by using the procedure available on the website:
<https://nke-instrumentation.com/product-return-form/>
- Pack the product in its original shipping box to prevent damage in transit.