

Safety Precautions



WARNING! Please read these warnings carefully and follow all applicable local codes and regulations.

THANK YOU FOR YOUR INTEREST IN OUR PRODUCTS!

TO AVOID SERIOUS PERSONAL INJURY AND PROPERTY DAMAGE:

- | | |
|---------------|---|
| WEAR | protective clothing and eyewear when dispensing chemicals or other materials, when working in the vicinity of chemicals, and when filling or emptying equipment. |
| ALWAYS | read and follow all safety instructions in safety data sheets (SDS) for all chemicals.
observe all safety and handling instructions of chemical manufacturer.
dilute and dispense chemicals in accordance with chemical manufacturer's instructions.
regularly inspect equipment and keep equipment clean and properly maintained. |
| NEVER | mix incompatible chemicals that pose hazards. |
| ATTACH | only to warewash reservoirs. Operating outside of these parameters will void manufacturer's warranty. |

introduction

Package Contents

HYD10099838

DMx Inductive Probe Kit

- Inductive Probe with attached cable and signal conditioner
- Inductive interface printed circuit board for wiring the inductive probe to DMx (not shown)
- Small slotted screwdriver (not shown)
- A conduit fitting that threads into the base of the DMx cabinet (not shown)
- A nylon wire tie wrap



Overview

The optional inductive probe kit provides a more accurate, temperature-compensated conductivity measurement inside the wash tank. This probe is not susceptible to scaling in regions with hard water.

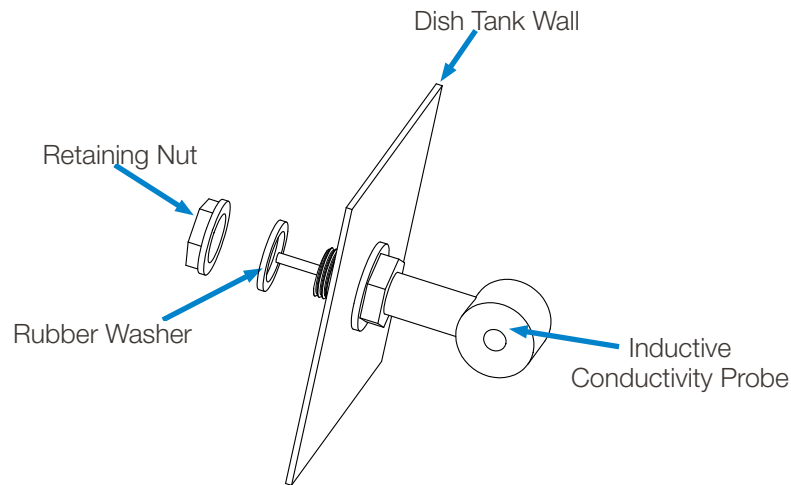
The following instructions explain how to install an inductive probe and connect it to a DMx dispenser.

Dispensers that are ordered with this option come with the kit packed separately.

installation

Installing an inductive probe requires the same mounting hole size in the wash tank as the standard conductivity probe. Similarly, always confirm that the probe will be immersed in the wash tank solution and will not interfere with the wash operation before installing. The following steps describe the inductive probe installation.

1. Cut a 22mm or 7/8" hole using a suitable hole punch or cutter and ensure that all sharp edges, cutting debris and burrs are removed.
2. Remove probe retaining nut from the assembly and ensure that the rubber washer is against the back of the hex head of the sensor at the base of the threads.
3. From inside the dish machine, route the end of the probe with cabling through the hole with the rubber washer against the inside wall of the tank.



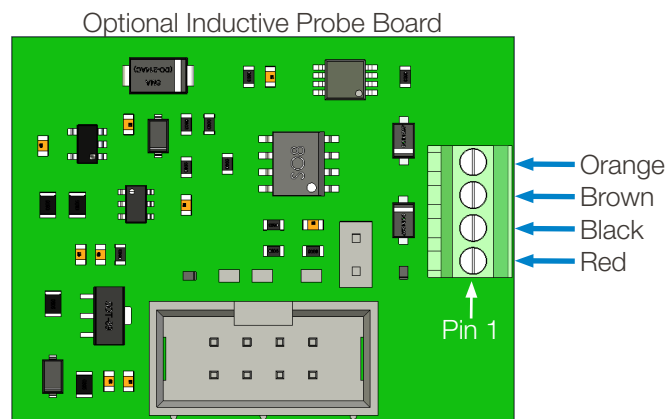
4. Assemble the retaining nut back onto the probe from outside the dish tank. It is critical that the hole in the inductive probe is facing upwards, towards the water's surface inside the tank. Tighten the retaining nut by hand, and snug with a wrench to prevent leaks.
5. Disconnect power to unit before opening the front cover.
6. Open the front cover, remove the dust cover and loosen the screw on the right front of the dispenser
7. Install the conduit fitting if needed and then route the end of the 4-conductor cable from the inductive probe through the conduit fitting in the bottom of the unit
8. On the Inductive Interface Board, insert each wire Red, Black, Brown and Orange into the green connector and tighten each set screw per the pinout:

Pin 1 = Red - Power +

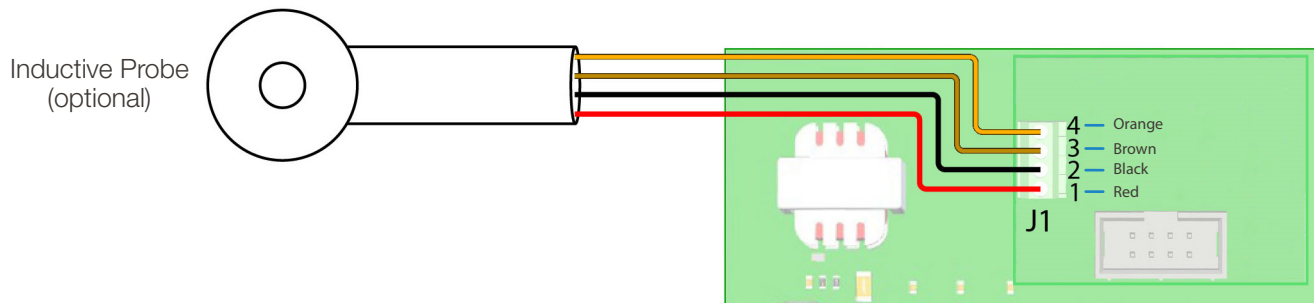
Pin 2 = Black - Power -

Pin 3 = Brown - Serial Rx

Pin 4 = Orange - Serial Tx



9. Insert the Inductive Interface Board black connector into the Main Board black connector (J1)



10. Secure inductive probe cable to other routed cables with the nylon wire tie wrap

11. Close the front cover, secure with the screw, and replace the dust cover.

12. Restore power.

13. In the Hydro Connect App ensure the unit is set to Probe mode and that probe-I displays on the guided setup screen.

Limited Warranty

Seller warrants solely to **Buyer** the Products will be free from defects in material and workmanship under normal use and service for a period of one year from the date of completion of manufacture. This limited warranty does not apply to (a) hoses; (b) and products that have a normal life shorter than one year; or (c) failure in performance or damage caused by chemicals, abrasive materials, corrosion, lightning, improper voltage supply, physical abuse, mishandling or misapplication. In the event the Products are altered or repaired by **Buyer** without **Seller's** prior written approval, all warranties will be void.

No other warranty, oral, express or implied, including any warranty of merchantability or fitness for any particular purpose, is made for these products, and all other warranties are hereby expressly excluded.

Seller's sole obligation under this warranty will be, at **Seller's** option, to repair or replace F.O.B. **Seller's** facility in Cincinnati, Ohio any Products found to be other than as warranted.

Limitation of Liability

Seller's warranty obligations and **Buyer's** remedies are solely and exclusively as stated herein. **Seller** shall have no other liability, direct or indirect, of any kind, including liability for special, incidental, or consequential damages or for any other claims for damage or loss resulting from any cause whatsoever, whether based on negligence, strict liability, breach of contract or breach of warranty.