

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.

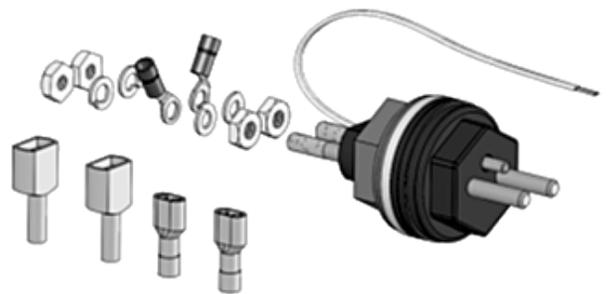
introduction

Package Contents

HYD10096824

DMx Temperature Compensated Conductivity Probe Kit

- Temperature compensated conductivity probe with flying leads
- Four nuts, four lock washers, and two ring terminals for connecting the probe terminals to the pre-wired probe cabling
- Two sets of spade connectors for connecting the temperature sensor to the dispenser
- 12 feet (3.7 meters) of four-conductor cable (not shown)



Overview

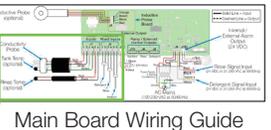
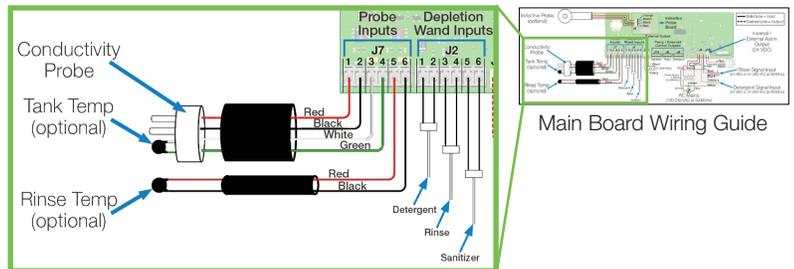
The optional temperature compensated probe kit has an added temperature sensor to measure both tank temperature and conductivity for greater control.

The instructions that follow explain how to install a temperature compensated probe and how to connect it to a DMx dispenser.

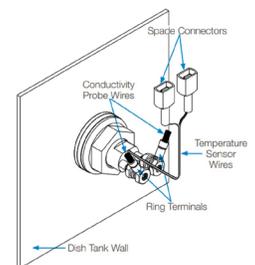
Dispensers that are ordered with this option will have a four-conductor cable of **Red**, **Black**, **Green** and **White** wires pre-wired to the Main Board.

installation

1. Disconnect all power to the unit before making any connections.
2. Install the probe in the wash tank per the below steps:
 - a. 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.
 - b. Remove probe retaining nut, plastic washer and one of the rubber washers.
 - c. Insert the probe into the hole and re-assemble the rubber washer, plastic washer and retaining nut back onto the probe from outside the dish tank. Tighten the retaining nut by hand, enough to prevent leaking.
3. For retrofit installations, pass the four-conductor cable through the cable gland on the unit and wire it to the main control board inside the dispenser as the schematic shows.
 - a. Wire colors on the 4-conductor cable are:
 - Red** - Conductivity Probe
 - Black** - Conductivity Probe
 - Green** - Tank Temperature Sensor
 - White** - Tank Temperature Sensor.
4. Route the 4-conductor cable to the conductivity probe location on the dish machine and cut to fit if required.
5. Connect the red and black wires on the cable to the threaded terminals on the temperature-compensated conductivity probe assembly using the crimp-on ring terminals included in the kit. Sandwich each ring terminal onto the probe between the nuts and washers provided (see diagram). Ensure that connections are tight and secure.
6. Crimp the two smaller spade connectors included in the kit to the two thermistor wires on the temperature compensated probe, and the two larger connectors to the green and white wires of the 4-conductor cable.
7. Connect the spade connectors (polarity not important) on the thermistor to the green and white wires
8. Restore power.
9. Verify the tank temperature reading with the Hydro Connect app. Set alarm value if needed.



Main Board Wiring Guide



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.



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