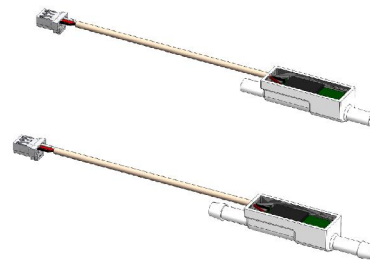


# Low Level Sensor Body Kit

PARTS	84.65.44 W/Barbs for 3/8" ID tubing	84.65.45 w/ 3/8" JG Union Fittings	84.65.46 w/ 1/4" x 3/8" JG union fittings	84.65.47 w/ 3/8" JG stems (no fittings)
LOW LEVEL SENSOR	X	X	X	X
FITTINGS	NONE	3/8" JG	1/4" JG	NONE
I1028	X	X	X	X

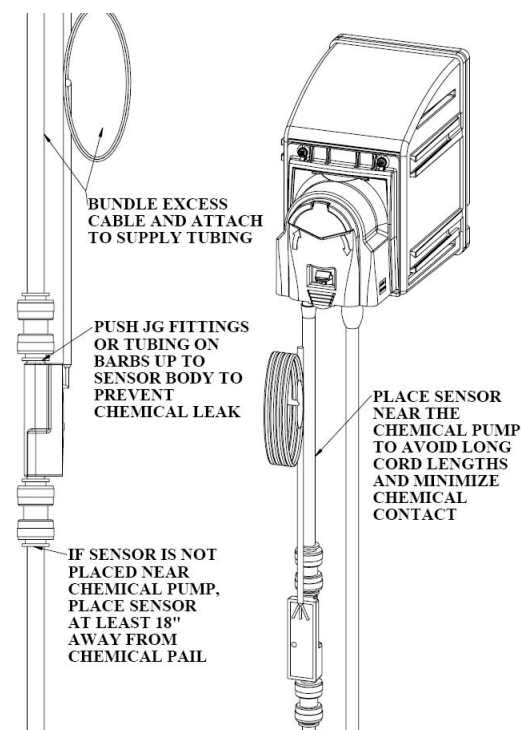


15' Extension Cable for Low Level Sensor is 82.29.3

## Installation

Remove power from the dispenser and low level alarm during installation of sensors.

1. Cut chemical tubing on inlet side of pump at desired location. See notes in picture for helpful hints.
2. Splice sensor in-line on the inlet side of the pump. Use enclosed fittings or barb connections to attach tubing to sensor.
3. Run sensor cable through the appropriate hole in the bottom of the enclosure and plug the cable into the appropriate input.
  - a. For the Titan II or Nitro, it will go into the main dispenser enclosure on the bottom of the unit. This will be plugged into the main control board.
  - b. For the Low Level Control, it will go in the bottom of the enclosure through one of the two large holes. This will be plugged into the low level control board. (Limit 4 sensors per hole)
4. Make sure the chemical lines are free of chemical and apply power to the unit. A red led should light on the sensor itself. This ensures the sensor has been connected correctly.
5. Prime the chemical lines and verify that the sensors turn to a green led and the alarm/warning shuts off.
6. Place strain relief around sensor cables and allow enough wire in the enclosure to have access to the connection points.
7. Bundle excess cable as shown to the left.
8. Close or replace the front panel of the control or dispenser and secure with screws.



## For use with Low Level Control Unit (84.65.48 or 84.65.49)

The Low Level Sensor will plug directly into the control board of the Low Level Control Unit. Up to 8 sensors can be used with the control unit. See instruction sheet I1027 for more information on the Low Level Control (84.65.48 or 84.65.49)

## For use with Titan II Series Ware Wash Dispensers

The Low Level Sensor will plug directly into the Titan II control board. The sensor should be routed through the bottom panel of the Titan enclosure and plugged into the appropriate spot on the control board for the product being monitored.

## For use with Nitro Series Ware Wash Dispensers

The Low Level Sensor plugs into the adapter (81.316.14) for the Nitro Control Board. The sensor should be routed through the bottom of Nitro enclosure and plugged into the appropriate place on the adapter. See Instruction Sheet I1033 for more information on using the Low Level Sensor with the Nitro unit.

## Warnings

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Installation of DEMA products must meet all applicable electrical codes and regulations established by national, city, county, parish, provincial or other agencies. It is possible that electrical codes and regulations require that a certified electrical contractor or engineer perform the electrical installation. For questions, contact a certified electrician.



**ALL ELECTRICAL POWER MUST BE TURNED OFF TO THE DISPENSER AND TO THE APPLIED MACHINE.**



All installations must conform to local plumbing codes and use approved backflow prevention devices. A pressure indicating tee is to be installed with existing faucets according to local plumbing codes in the state of Wisconsin and any other state that requires the use of a pressure indicating tee.



**ALWAYS WEAR PROTECTIVE CLOTHING AND EYEWEAR WHEN WORKING WITH CHEMICAL PRODUCTS.**

## Warranty

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### Merchandise Returns

No Merchandise will be Returned for Credit Without DEMA'S Written Permission. Returned Merchandise Authorization Number is Required in Advance of Return.

### Product Warranty

DEMA products are warranted against defective material and workmanship under normal use and service for one year from the date of manufacture. This limited warranty does not apply to any products that have a normal life shorter than one year or failure and damage caused by chemicals, corrosion, physical abuse, or misapplication. Rubber and synthetic rubber parts such as "o"-rings, diaphragms, PVC tubing, and gaskets are considered expendable and are not covered under warranty. This warranty is extended only to the original buyer of DEMA products. If products are altered or repaired without prior approval of DEMA, this warranty is void.

Defective units or parts should be returned to the factory with transportation prepaid. If inspection shows them to be defective, they will be repaired or replaced without charge, F.O.B. factory. DEMA assumes no liability for damages. Return merchandise authorization number must be granted in advance of returned units for repair or replacement (See "Merchandise Returns" above).