

Instruction Manual 10688PA

FloTech Replacement Sensor for
ROM LINK 2 Wire sensors

PRODUCT DESCRIPTIONS:

These instructions cover the following FloTech products:
FT151RL 2 Wire Optic ROM LINK Replacement Sensor
FT152RL 2 Wire Optic ROM LINK Replacement Retain Sensor
10688 Gender Adapter

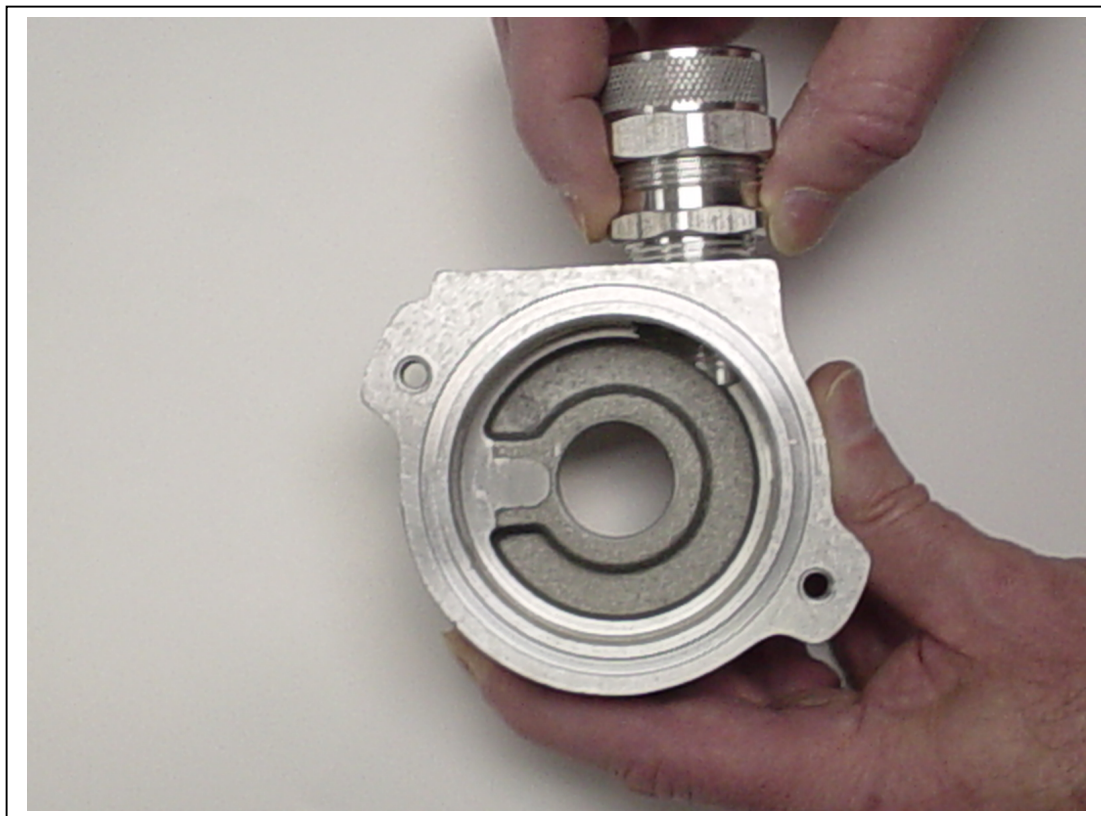
PRODUCT DESCRIPTION:

The FT151RL, FT151RL-12 and FT152RL are replacement sensors for the Civacon ROM link and compatible with 1554-007, -012, -018 Civacon overfill sensors and 1000RL Civacon retain sensors. These instructions provide a picture overview of additional steps to properly install the FT151RL series and FT152RL sensors into a ROM LINK harness.

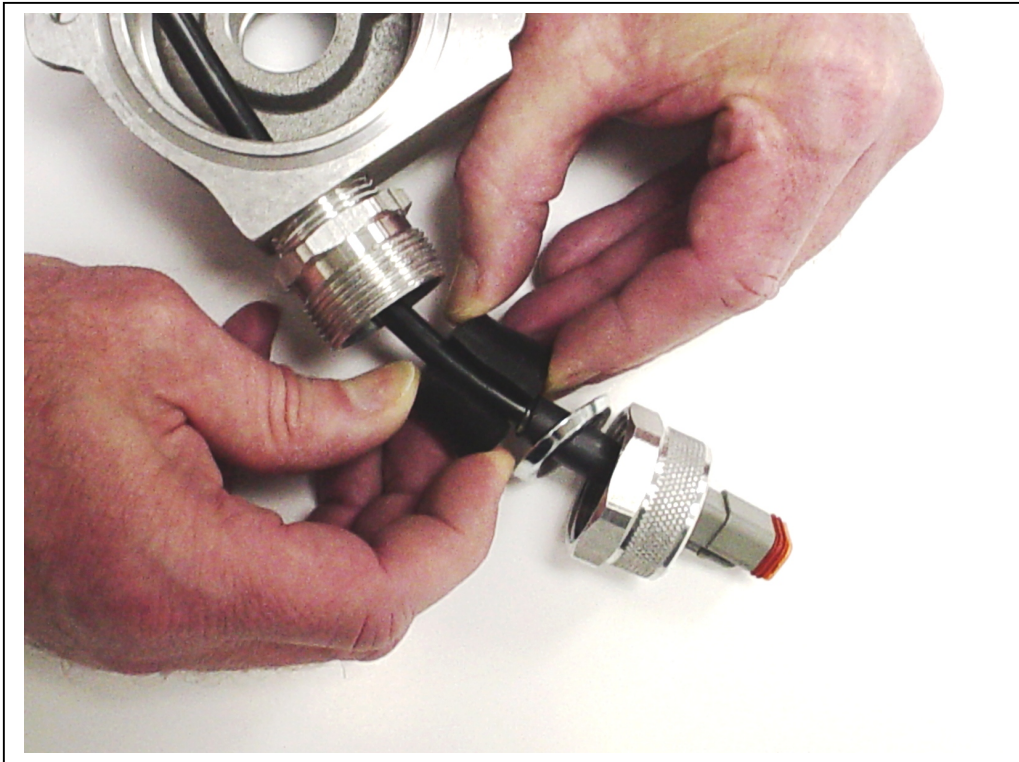
Installation Steps:

Refer to GENDER ADAPTER picture, page 3

- 1) Remove the Civacon sensor and housing. You will not use any of the original Civacon sensor components. Leave the Civacon harness in place if in good condition.
- 2) Remove sensor cap and probe from housing. Insert Cable gland into the sensor housing. Use some pipe sealant to insure a water-tight connection.
- 3) Cut FT151P sensor to length so that sensor length is set to 60 gallons or 3% of tank capacity compartment.

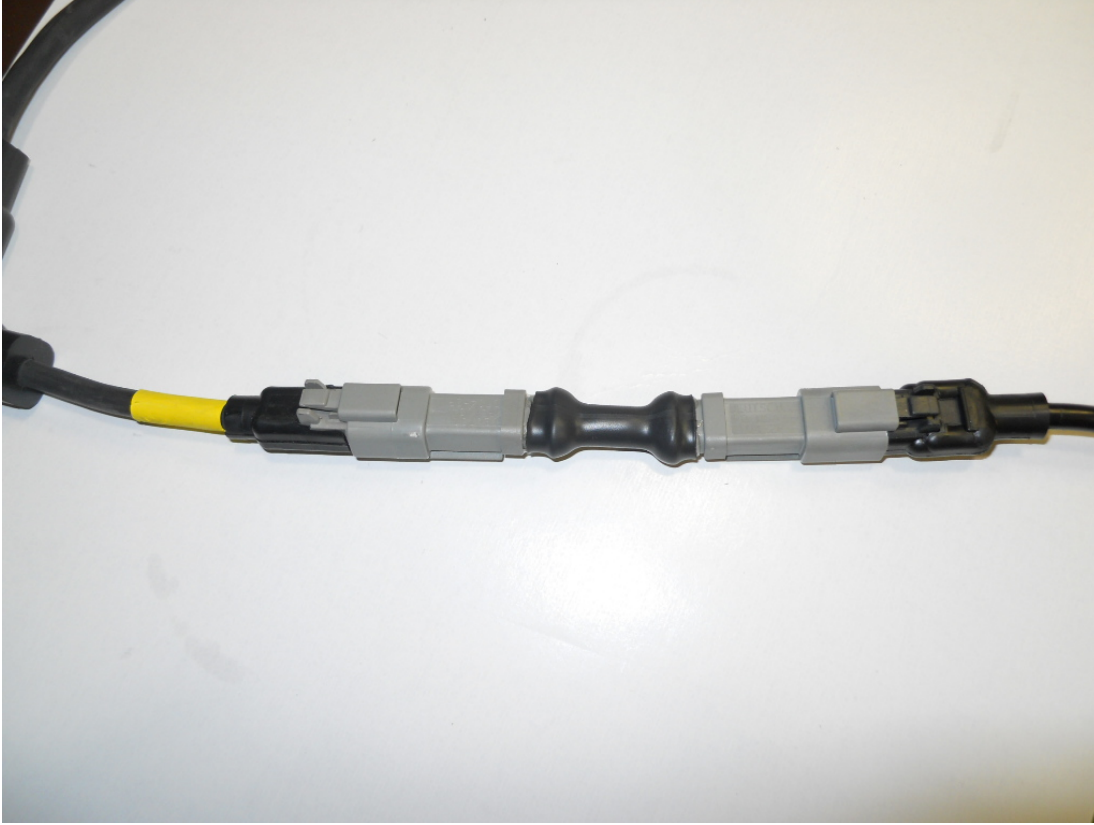


- 4) Insert the FT151P plug through the cable gland. Push plug from inside housing through to the outside. The plug goes through the cable gland easiest if the latch is oriented down toward the manhole lid. Pass the plug through metal ring and nut as shown. Spread the rubber grommet as shown and wrap it around the sensor wire.

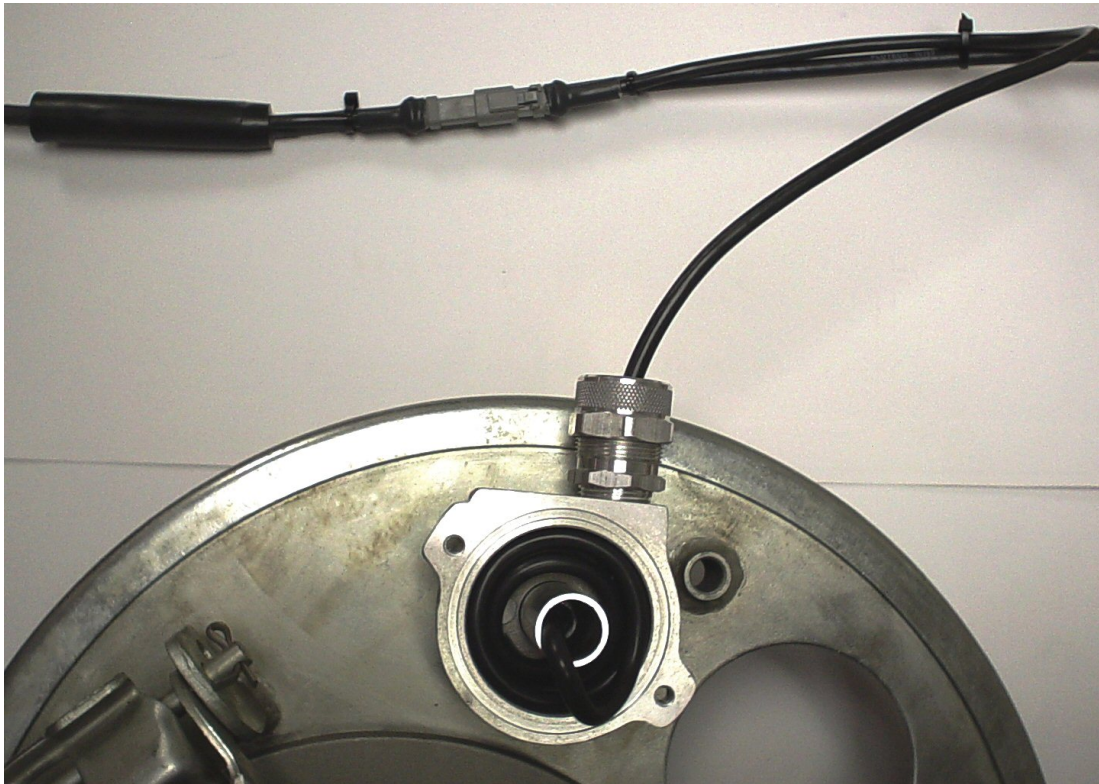


- 5) Insert the sensor into the sensor housing. Adjust the sensor to the correct depth to comply with the 60 gallon or 3% outage requirements per compartment. Tighten the side screw. Be sure the BLACK thread protector is still in the sensor tube. Do not tighten the cable gland at this time.
- 6) Mount the sensor housing into the manhole cover.
- 7) Connect the FloTech Gender Adapter to the Civacon harness pig tail for the compartment this sensor is replacing. Use a little dielectric grease or Vaseline in the connector to help repel moisture. Next connect the sensor pig tail connector into the open end connector of the Gender Adapter. See picture below.
- 8) Excess FT151P cable can be coiled into the sensor housing. The housing will hold up to one foot of cable. This will help store excess cable and give the wiring a cleaner look.

- 9) Next use the provided tie wraps to fasten the pigtail to the main harness as shown in the photo below. These cable ties will ensure the connection is not accidentally pulled apart or damaged.



ROM LINK Gender Adapter (Retain and Overfill)



- 10) Check all connections. Power up the monitor to check out operation.
- 11) **IMPORTANT NOTICE: Perform a WET TEST on each sensor and look for the corresponding RED sensor LED to light and the permit LED to go out. REMEMBER, to get a Green permissive light,**

For sales information contact Dixon Bayco

**In the United States:
Dixon Bayco USA
800 High St.
Chestertown, MD 21620
Toll Free: 800 355 1991
Fax: 800 283 4966**

**In Canada:
Dixon Group Canada LTD.
2315 Bowman ST.
Innisfil, Ontario, L9S 3V6, Canada
Toll Free: 800 355 1991
Phone: 705 436 1125
Fax: 705 436 6251**

**Dixon Bayco
7280 Union Center Blvd.
West Chester, OH. 45014
PH: 513 874 8499
FX: 513 874 8399
Tech Hotline: 877-582-3569**