

EN

**External tank level sensor**  
instruction manual



# **External Waste Tank Level Sensor**

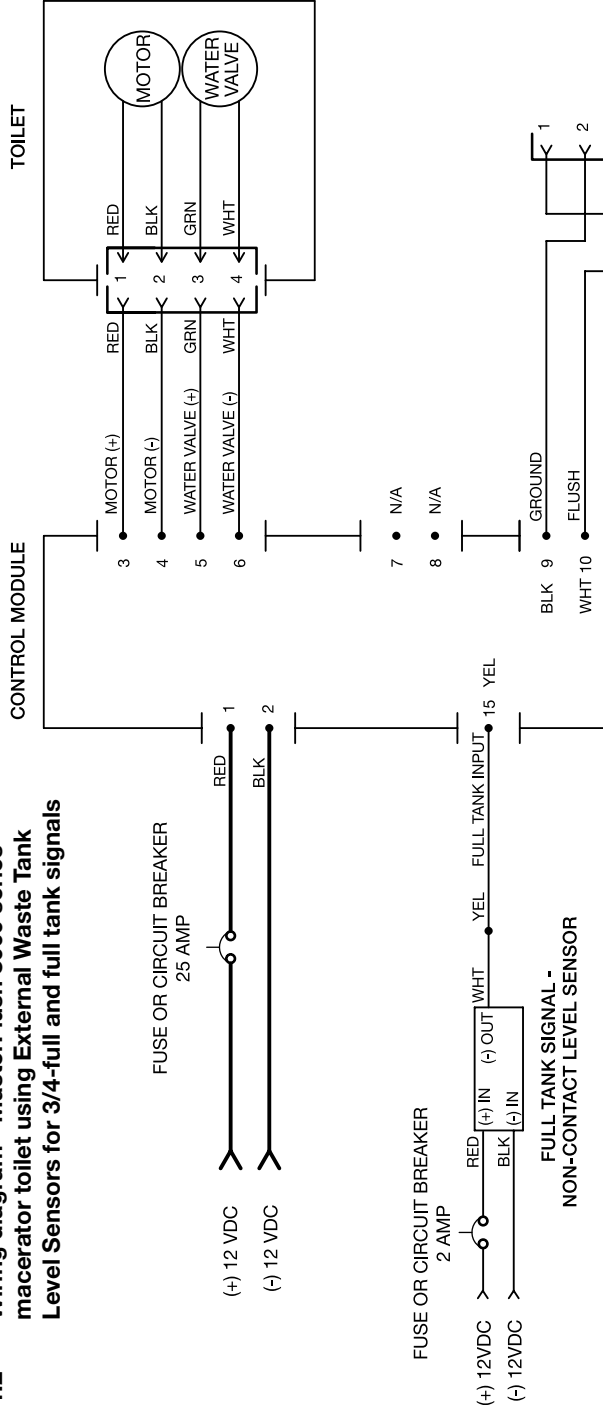
# 1 Installation

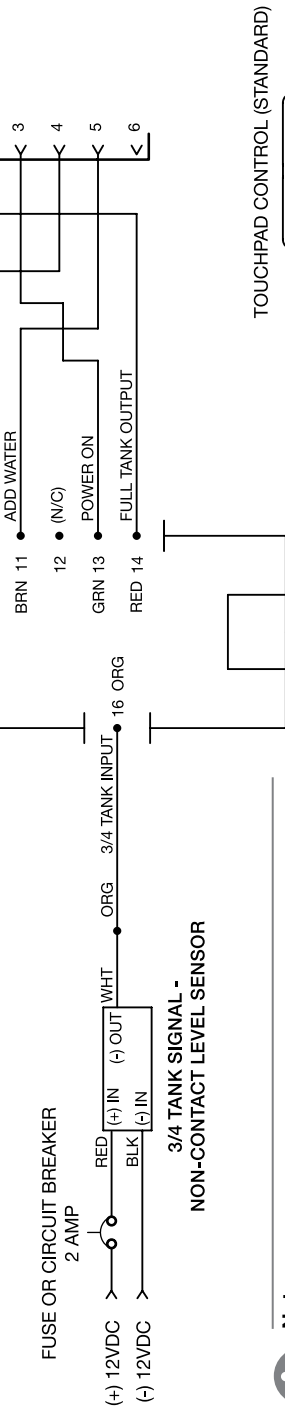
## 1.1 Attaching sensors to waste tank

To establish "3/4" and "full" level sensor locations for each tank model:

1. Fill tank to desired "3/4" level.
2. Connect sensor to tank monitor system and turn electrical power on.
3. With adhesive protective liner still attached, slide sensor against tank wall from top of tank down to approximate water level. When monitor system activates, the sensor has located the water level. This marks the sensor location for "3/4" full. Remove adhesive liner and place sensor on tank. Use this same sensor location on all similar model tanks.
4. Fill tank to desired "full" level and repeat steps 2 and 3.

## 1.2 Wiring diagram - MasterFlush 8000 series macerator toilet using External Waste Tank Level Sensors for 3/4-full and full tank signals





**Notes**

- Heavy lines represent stranded copper wire.
- All other wire can be 18-gauge stranded copper wire.
- Wire size to be determined by:
  - RV applications: ANSI/RVIA LV, NFPA 70/NEC
  - Marine applications: ABYC recommendations

## 2 Specifications

|                         |                                                                                  |
|-------------------------|----------------------------------------------------------------------------------|
| Product                 | Dometic external waste tank sensor                                               |
| Function                | Senses aqueous solution through plastic tank walls up to 10 mm (0.394 in.) thick |
| Unactivated state:      | +12V DC                                                                          |
| Activated state:        | - 12V DC                                                                         |
| Operating voltage       | 9-15V DC                                                                         |
| Internal fuse           | 1.1 amp self-resetting on output                                                 |
| Continuous load current | 250 mA maximum                                                                   |
| Sensor draw             | 0.12 mA unactivated; <0.5 mA activated                                           |
| Dimensions              | 1.988 in./50.5 mm W x 1.526 in./38.75 mm H                                       |
| Compliance/approvals    | RoHS                                                                             |

Specifications subject to change without notice.

