



8 Channel Tank Controller TC 8000



Actual Size = 126 x 116 x 21mm



8 Tank Controller TC 8000

Monitor and Control up to 8 tanks from one location.

The **TC-8000 Controller** provides an intelligent networked solution for the monitoring and control of up to eight tanks. The diagram (right) shows a typical system layout. The system consists of the TC-8000 display controller (as seen above) up to eight HT-100 or HT-100/P tank controllers and any number of optional RD-800 repeater displays communicating via a 2-wire network cable with a maximum cable length of 1000 meters.

TC- 8000 DISPLAY CONTROLLER: Is a powerful tank monitor and control system.

- Full control from one central location on your boat.
- Visual indication of tank level, seacock position & pump status.
- Turn holding tank macerator pump on/off manually or automatically.
- Turn water maker on/off manually or automatically.
- Visual & audible tank full and fault alarms.
- Three modes of operation: manual, auto grey or auto all.
- Mode change is key switch selectable.
- Displays in Litres or Gallons and Percentage.
- Three display modes available (see right).
- All tanks are name programmable giving tank location and type, e.g. Aft Port, Grey Tank.

HT-100 or HT-100/P: Is a controller which manages the tank pump, the electric seacock, tank high output and provides an input for the fluid level sensor.

- Teach-in for level sensor with four point interpolation for irregular shaped tanks.
- Controls the pump, the electric seacock (if fitted) and provides the input for the level sensor.
- Reversed output for tanks programmed as either fresh water or fuel, enabling water maker or fuel transfer pumps to turn on when empty and off when full.
- Tank high level output which can be connected to the Aus/Sea toilet controller which disables the toilet when the holding tank is full.
- Interface to electric seacock, or standard seacock interlock switch.
- Internal pump on/off override switch for tank servicing and cleaning.
- HT-100/P features level sensor, tank high output, pump & electric seacock control .
- HT-100 features level sensor and tank high output.

RD-800: Repeater Display (optional extra). Connect any number of these to allow convenient tank monitoring from anywhere on the vessel.

EIGHT CHANNEL HOLDING TANK CONTROLLER SYSTEM LAYOUT FOR MODEL TC-8000

Any device can sit anywhere on this two core Bus cable. Any combination of HT-100/P and or HT-100 (up to eight) can be connected plus, any number of repeater displays (model RD-800).
NOTE: The HT-100/P has the pump and valve option while the HT-100 does not.

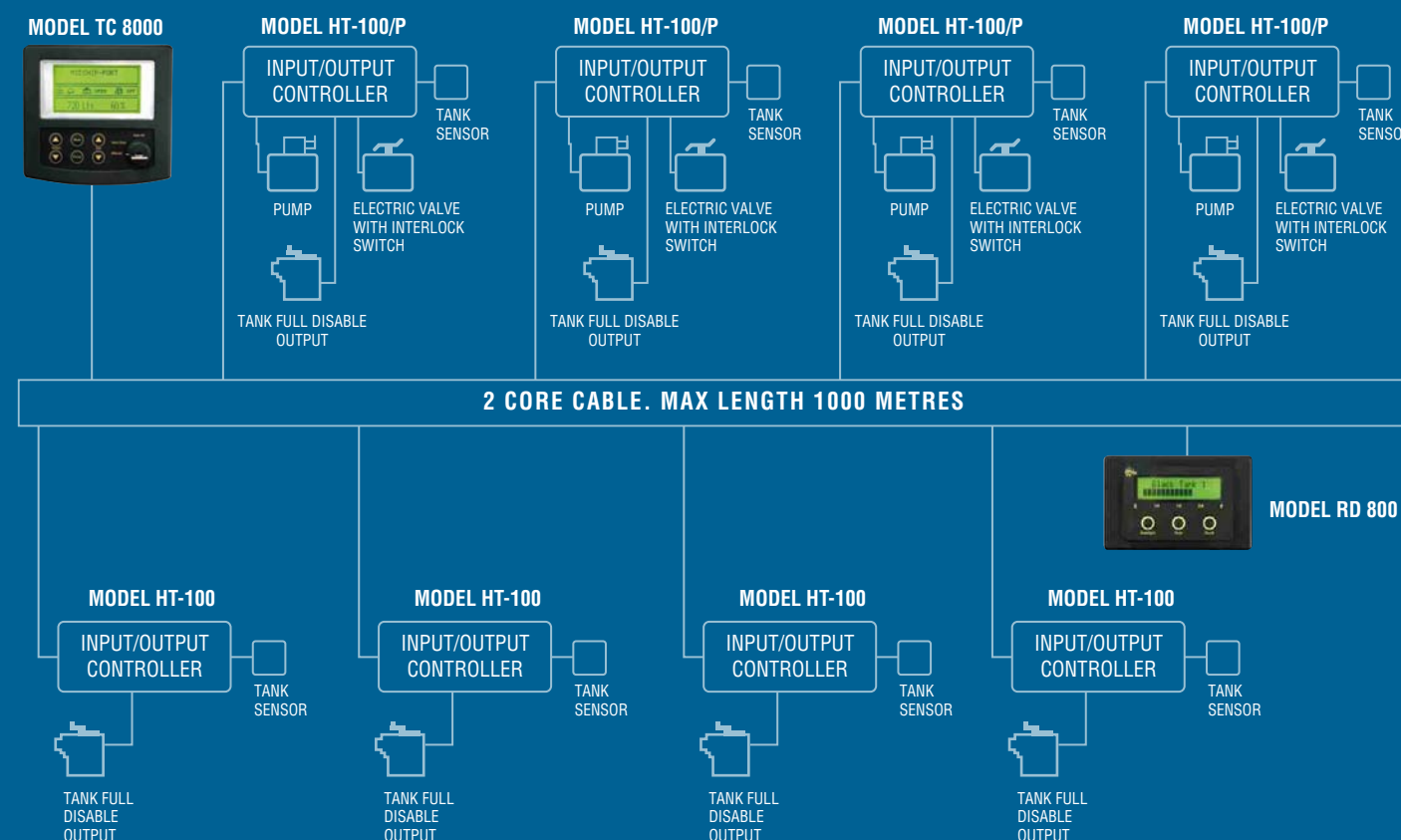
DISPLAY MODES: 1



2



3



Supply Voltage: 12 ~ 32 Volts DC (Auto sensing) | Quiescent Current: 5 Milliamps (without backlight)
Backlight | Reverse polarity protected | Network cable length=1000m | Voltage & EMI Protected
Data Retention: 50 years (without power)