VE.Can Resistive Tank Sender Adapter manual

1. Introduction

The VE.Can resistive tank sender adapter allows a standard resistive tank level sender to connect to the Color Control GX.

- High ±1% Accuracy
- Suits European standard 0-180 and US standard 240-30 Ohm Senders
- Fuel, Freshwater, Wastewater, Oil, Live Well or Blackwater: easily selectable with a rotary switch
- Up to 16 tanks of each type. Needs one sender per tank, tank number is easily selectable with a rotaray switch
- Robust ABS Construction sealed to IP67
- Easy to install
- Simple switch setup with no extra display required
- Under 50mA Power Usage
- Input voltage 9 to 70 VDC

More information on the product page on our website.

2. Installation

2.1 Tank sender

The two wires coming from the tank sender (not included) can be wired into the two spring loaded

terminals on the tank sender adapter.

Then select the correct sender type using the left rotary switch:

Sender resistance	Tank Type	Switch Position
European 0-180	Fuel	0
	Fresh Water	1
	Waste Water	2
	Live well	3
	Oil	4
	Black water	5
	Invalid	6
	Invalid	7
American 240-30	Fuel	8
	Fresh Water	9
	Waste Water	A
	Live well	B
	Oil	C
	Black water	D
	Invalid	E
	Invalid	F

2.2 Power

For the adapter to work, the VE.Can network needs to be powered. These products will power the VE.Can network:

- Skylla-i - all models
- Lynx Shunt VE.Can
- BlueSolar MPPT 150/70 VE.Can
- BlueSolar MPPT 150/85 VE.Can

In case there is no such product in the installation, add the *VE.Can Power Cable - ASS030690000* to the installation.
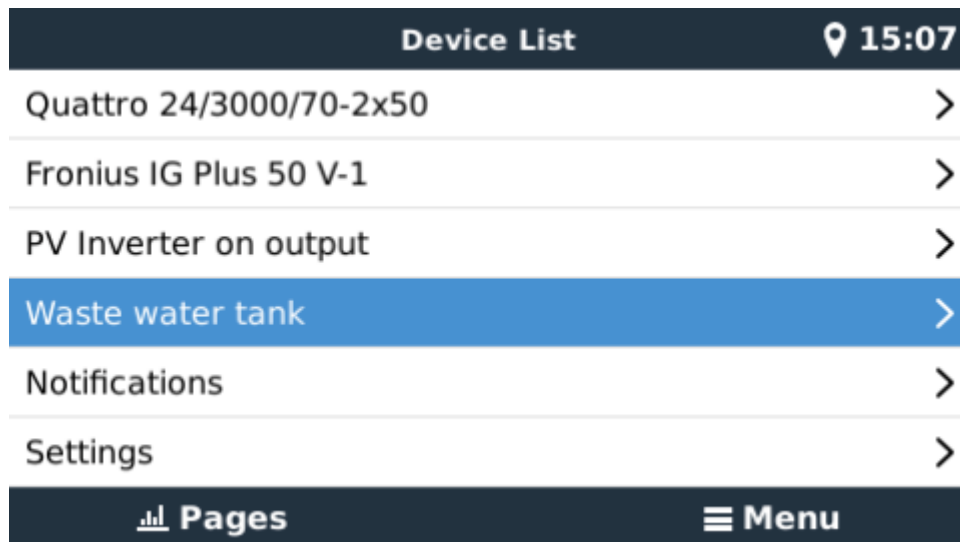
2.3 VE.Can Network

Connect the tank sender adapter to the rest of the network using standard straight RJ-45 cable. The adapter has two RJ45 sockets to allow easy daisy chaining.

Place a VE.Can terminator at both ends of the network. The Color Control GX is supplied with two of those terminators.

3. Configuration

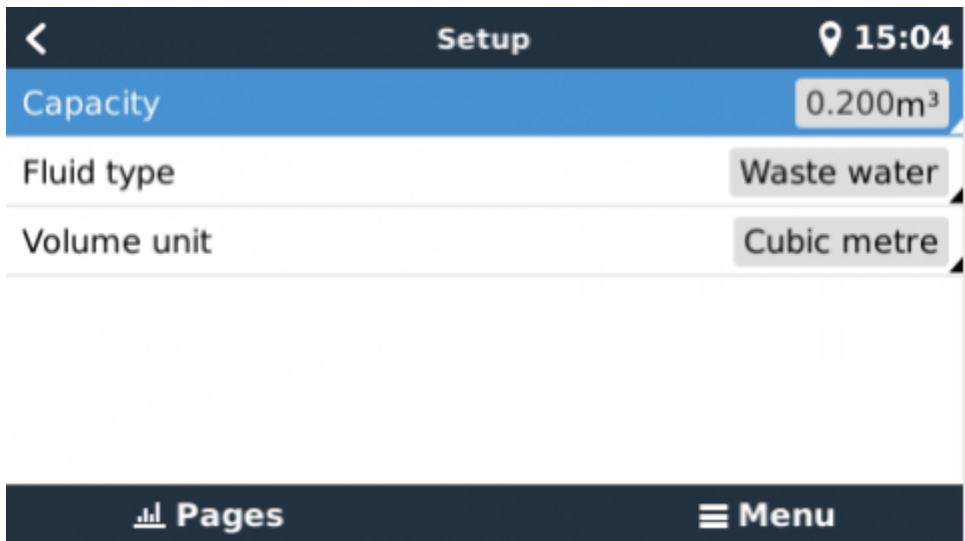Once connected to the Color Control GX a new entry will appear on the main menu.

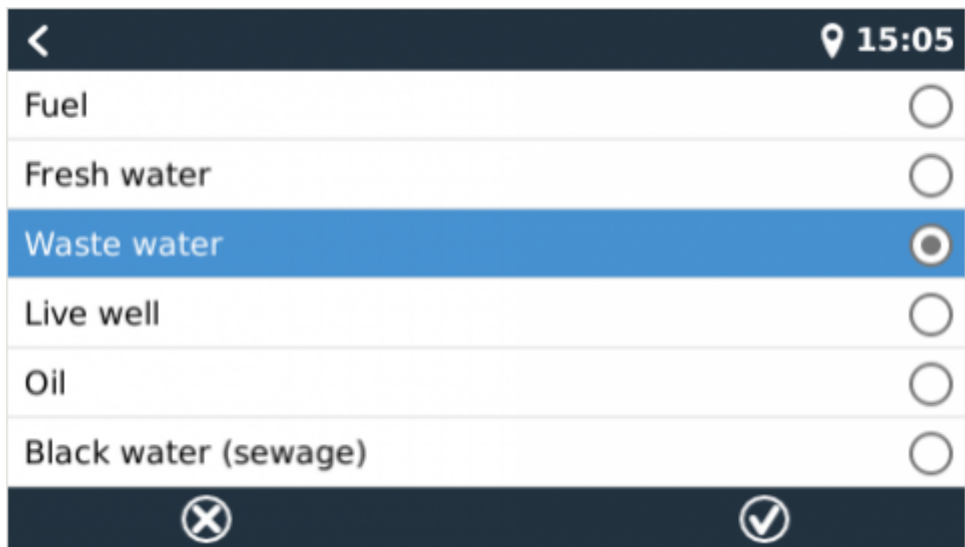On the tank page the current tank level and remaining capacity values are displayed.

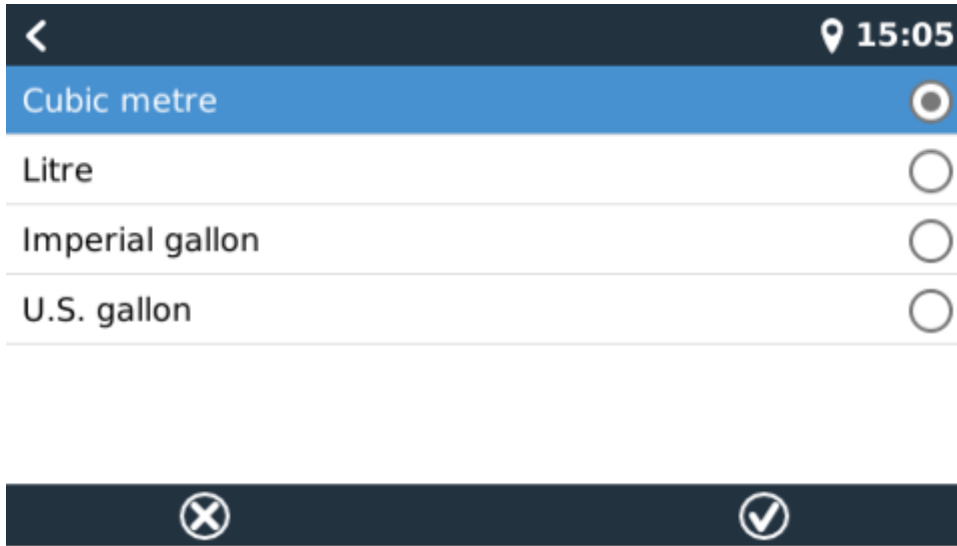Select the "Setup" item to open the configuration page where following settings can be configured.

Capacity

‹	Setup	📍 15:04
Capacity		0.200m³
Fluid type		Waste water
Volume unit		Cubic metre

📊 **Pages**   ☰ **Menu**

Fluid type

‹		📍 15:05
Fuel		○
Fresh water		○
Waste water		●
Live well		○
Oil		○
Black water (sewage)		○

⊗   ⊘

Volume unit

<	📍 15:05
Cubic metre	⦿
Litre	○
Imperial gallon	○
U.S. gallon	○
⊗	✓

DISQUS

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