

# 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 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.

#### 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 lon + Shunt (both the 250A and the 600A model)
- 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 Sender Type

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	В
	Oil	С
	Black water	D
	Invalid	E
	Invalid	F

#### 2.4 Tank Instance

This setting is used in systems with multiple tanks. Set each tank to a unique Tank Instance.

## **2.5 Resistance Sender Connector**

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

# 3. Configuration

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

Device List	<b>9</b> 15:07
Quattro 24/3000/70-2x50	>
Fronius IG Plus 50 V-1	>
PV Inverter on output	>
Waste water tank	>
Notifications	>
Settings	>
<u>ااا.</u> Pages	<b>≣</b> Menu

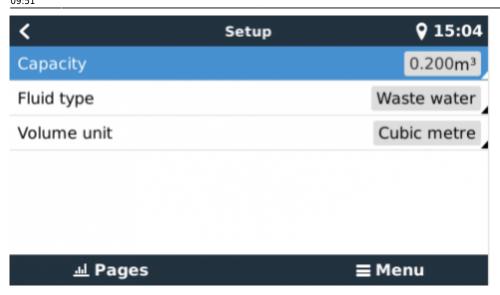
On the tank page the current tank level and remaining capacity values are displayed.

<	Waste water tank	<b>Q</b> 15:04
Level		100.0%
Remaining		0.200m <sup>3</sup>
Setup		>
Device		>
Pages <u>ااا</u>		<b>≣</b> Menu

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

## Capacity

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#### Fluid type

<	<b>Q</b> 15:05
Fuel	0
Fresh water	0
Waste water	۲
Live well	0
Oil	0
Black water (sewage)	0
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#### Volume unit

<	<b>Q</b> 15:05
Cubic metre	•
Litre	$\bigcirc$
Imperial gallon	0
U.S. gallon	0
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