



## **Instruction guide**

Model:LEVSND

Version en français disponible à [www.magika.ca](http://www.magika.ca)

## **General**

This guide applies to model LEVSND (tank level sensor). In order to complete the installation, you will need:

- A controller, model CTLAV1 or CTLAV3
- A support bracket available from your distributor
- Ethernet network cable CAT5E or CAT6
- A mobile master app (optional)

## Installation

Here are the steps to follow during the installation:

1. After deciding on which end of the tank the sensor will be located, drill a 1/4" hole on the top border by making sure that the hole is align with the middle of the tank. Make sure that no obstacle could interfere with the sensor.
2. Fix the sensor support using a 1/4" bolt and nut
3. Make sure that the top part of the support is levelled. If needed, gently force the top part of the support so that it becomes levelled
4. Temporarily route the network cable between the tank level sensor and the controller (CTLAV1 or CTLAV3).
5. Connect the wires within the tank level sensor as described in the following pages
6. Connects the wires within the controllers as described in the manual for your controller
7. Confirm that readings are working as expected using the web interface or the mobile app.
8. Properly fix the network cable as needed.

**Always disconnect power from controller while making connections!**



## Connections within the tank level sensor

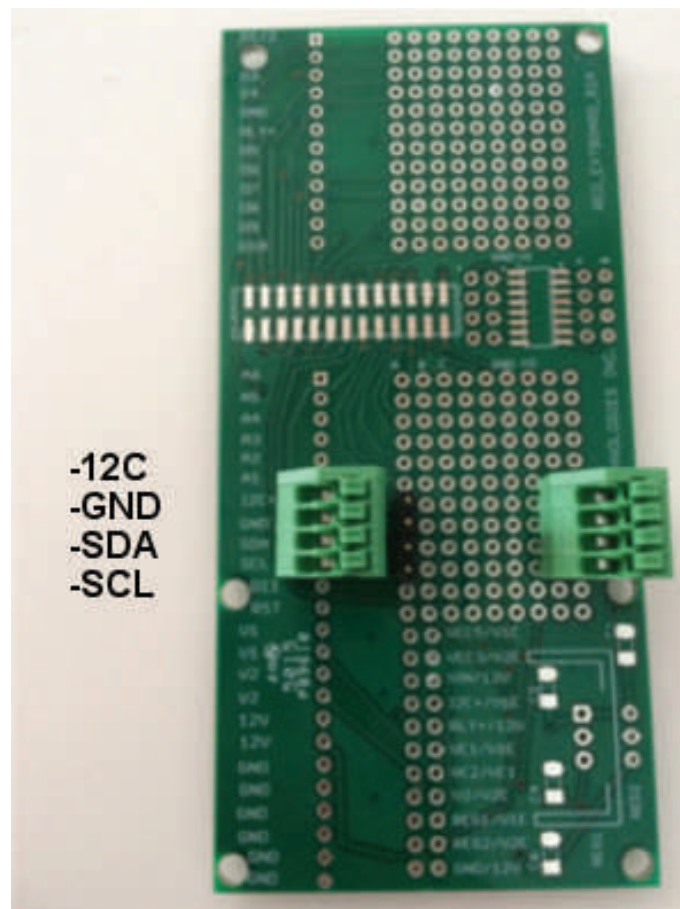
We use the 4 wires with solid colour within the network cable.  
The connections must be as follows:

Green - I2C terminal

Blue - GND terminal

Orange - SDA terminal

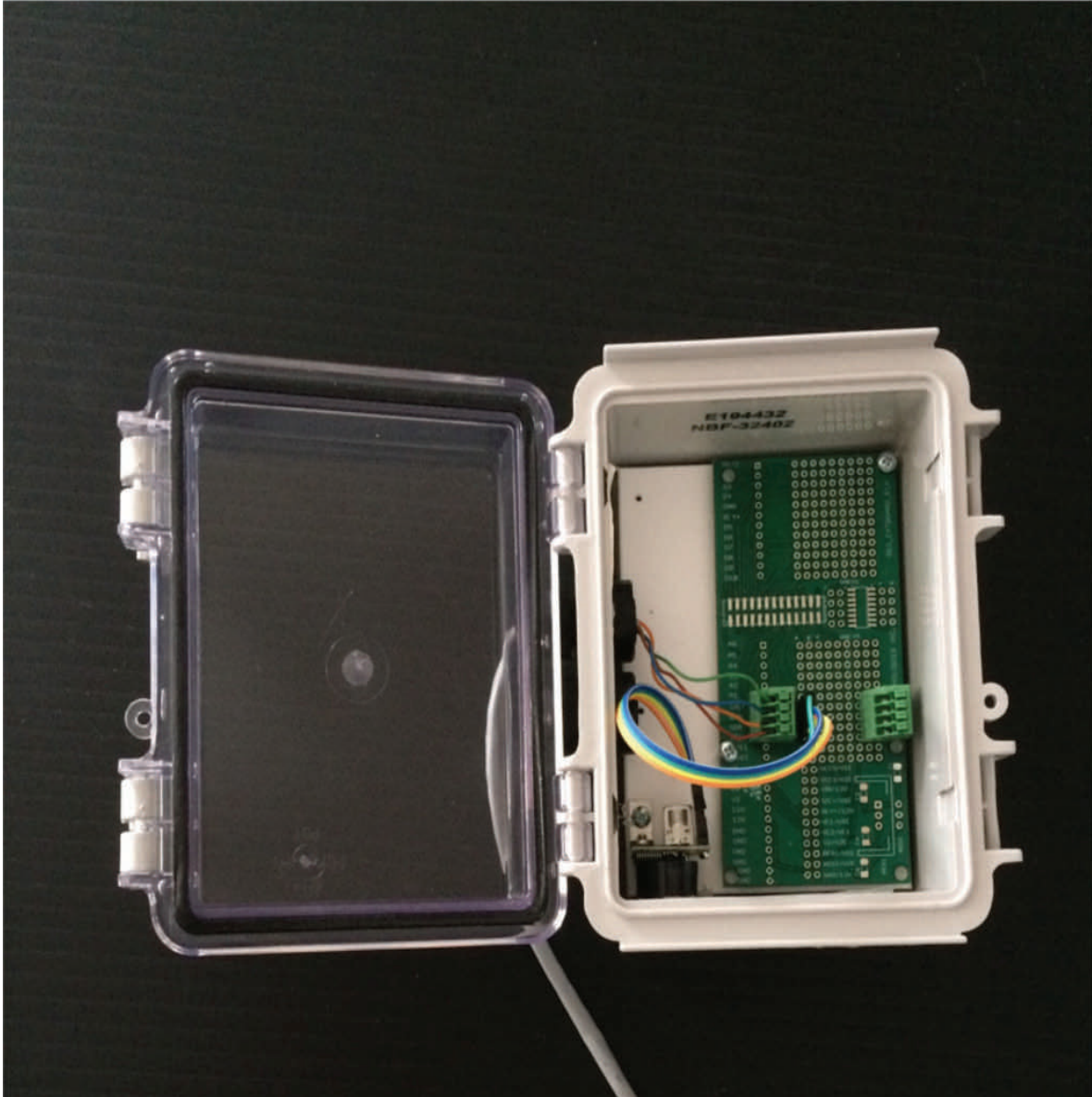
Brown - SCL terminal



**Always disconnect power from the controller when working on connections!**



## Connections (cont'd)



After completing the connections, install the sensor unit on the support. Then follow the corresponding section of the user guide for the controller to complete the wiring.

## **Using two or more tank level sensors**

It is possible to connect several tank level sensors to a single controller. Please contact your distributor for detailed instructions on how to proceed.