

Technical Note

15.09.2022

1. Affected devices

- HYDLLA2000L8D - LLA, 8 PRODUCT, DISPENSER POWERED

2. Affected components

- HYD90099216 - LLA - PCB, DISPENSER POWERED – **REV A & B**
- HYD90099221 - LLA - HARNESS, LINK CABLE
- HYD10099110 - LLA - MANUAL, QUICK START GUIDE A5 P8 BW

3. Urgency

Important Information for proper installation of the device.

4. Event

Our customers reported an issue with missing alarms of the dispenser powered low level alarm.

An investigation of the issue revealed errors in the silkscreen of HYD90099216 - LLA - PCB, DISPENSER POWERED which carried on into the component HYD90099221 - LLA - HARNESS, LINK CABLE, quick start guide and manual

5. Affected period

As of today, the devices are still shipped with the faulty silkscreen and wire colours. Due to the global scarcity of electrical components, we were not yet able to fix our stock.

We are working at high priority to eliminate this issue.

This issue will be fixed with the release of HYD90099216 - LLA - PCB, DISPENSER POWERED – **REV C**

6. Troubleshooting

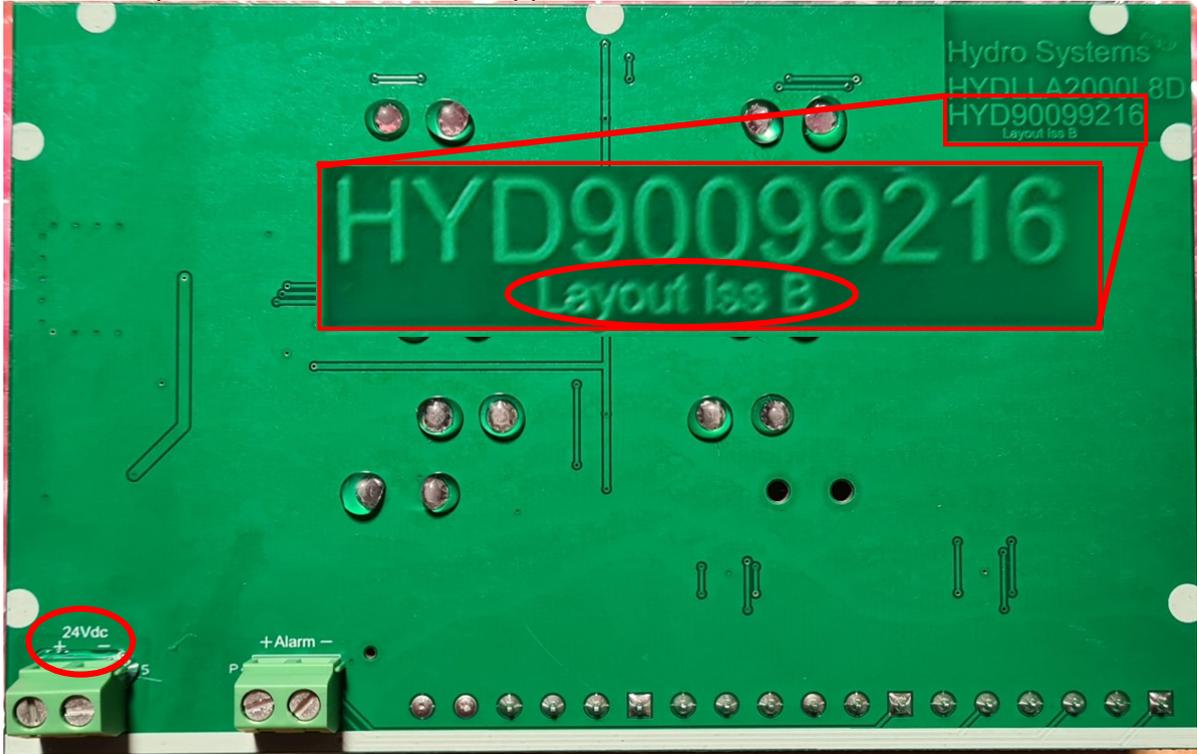
6.1 Check revision and wiring of PCB

1. Switch off the EvoClean the LLA connects to and disconnect the EvoClean from the power source.
2. Remove the device from the wall and gain access to the back of the device.
3. Unscrew the marked screws:



Picture 1: Backside of Low Level Alarm

4. The backside of the PCB is now visible. Check the Revision of the PCB. If you got the layout issue (Revision) A or B your board does include the error. The error is that the silkscreen print of “+” and “-” is swapped.



Picture 2: Backside of PCB

5. Check the wiring of the 24V Power Cable. For Rev A and B it should look like this:

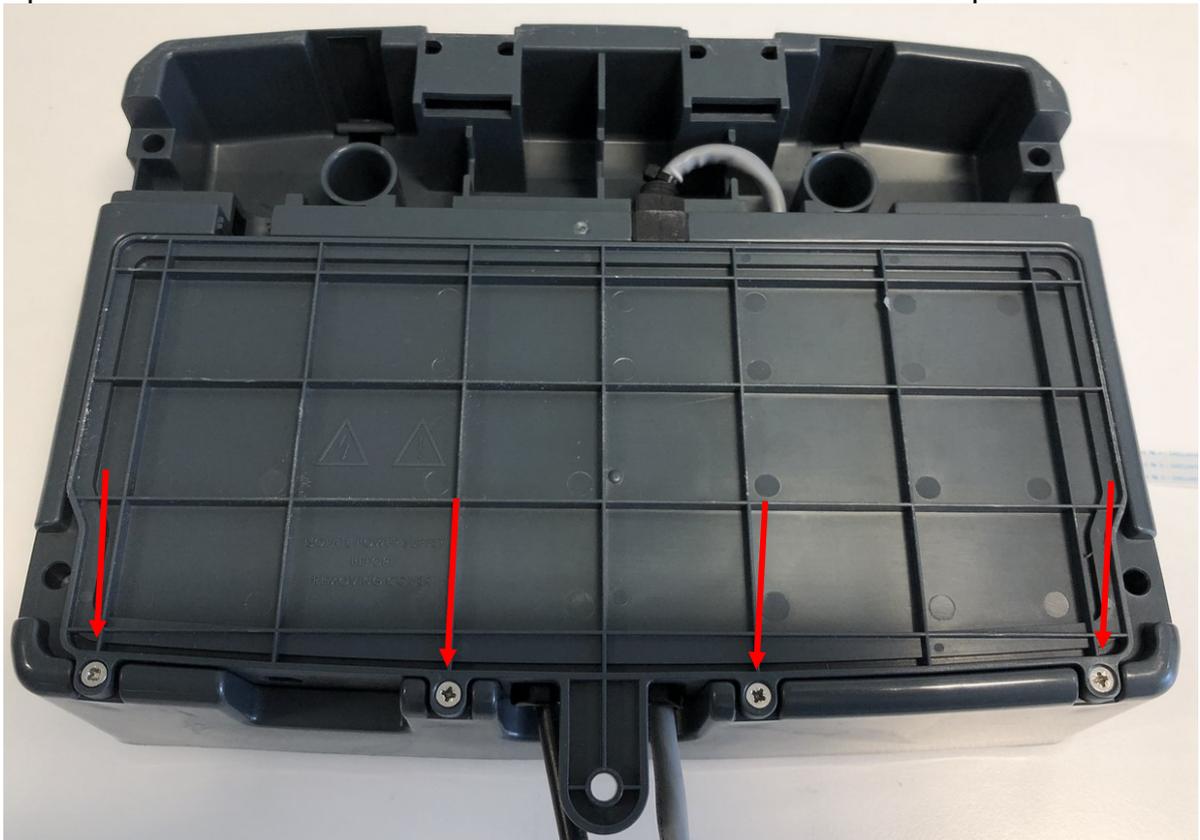


Picture 3: Correct wiring for Revision A and B of LLA Dispenser powered PCB

6. Reassemble the device.

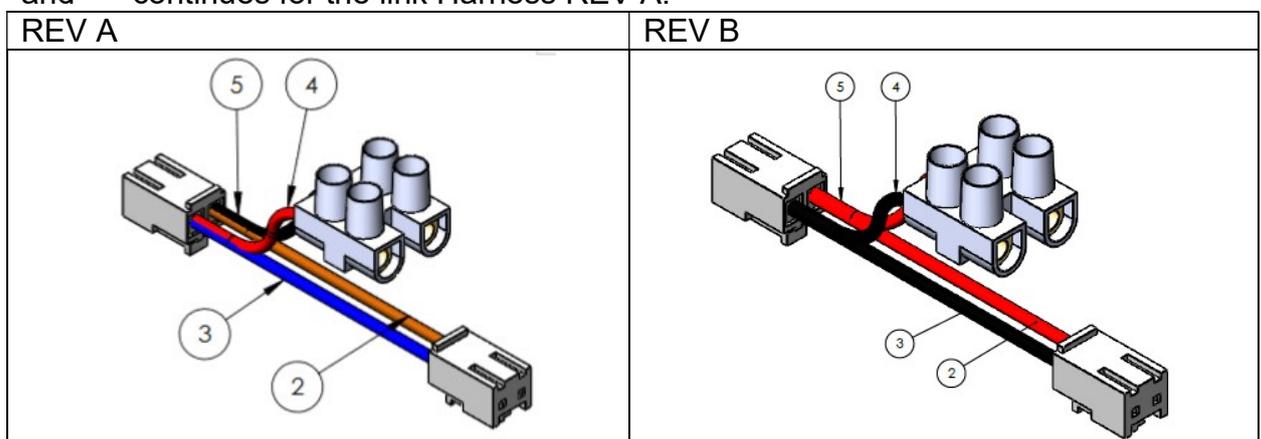
6.2 Check wiring in the rear cabinet of your EvoClean device

1. Switch off the EvoClean the LLA connects to and disconnect it from the power source.
2. Remove the device from the wall and gain access to the back of the device.
3. Open the rear electronic cabinet. Unscrew the marked screws and open the lid.

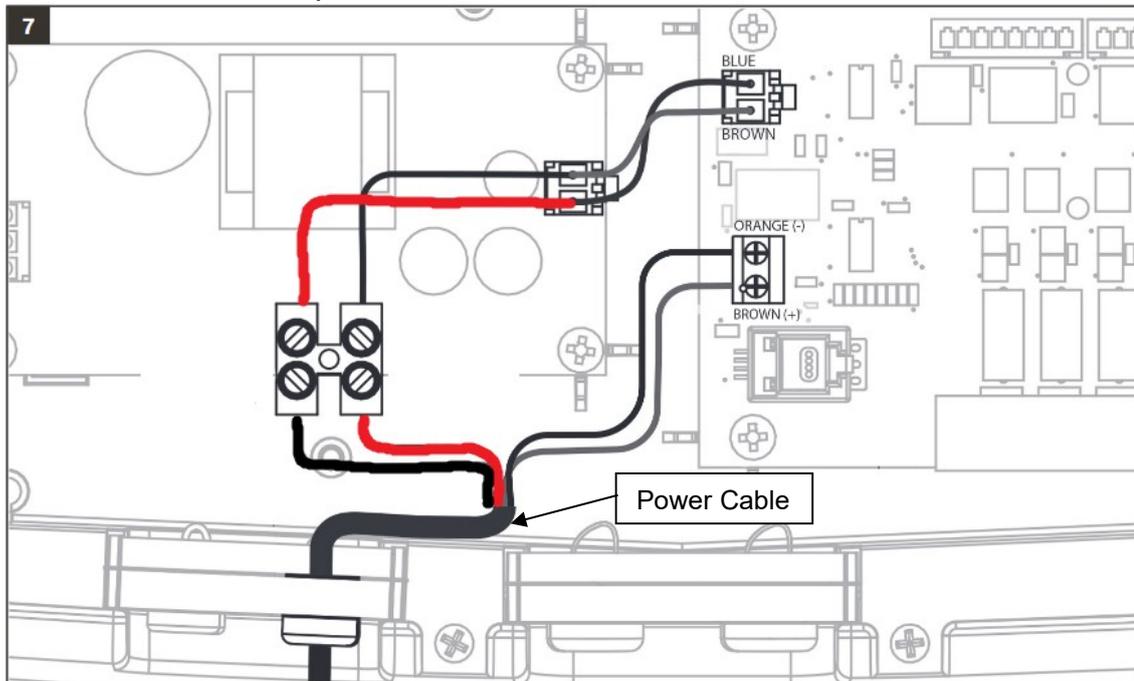


Picture 4: Backside of 4 Product EvoClean

4. Check the wiring of the Link Harness (HYD90099221). The error of the swappend “+” and “-“ continues for the link Harness REV A.



- If you have REV A version of the link Harness, connect the red cable of the power to the black line of the link harness and the black power lead to the red line of the link harness, as shown in picture 5.



Picture 5: Wiring schematic - Compensation of wrong Link Harness wires.

- Your device should now report Low Levels correctly.
- Reassemble the unit

6.3 Testing



Please use this equipment carefully and observe all warnings and cautions.

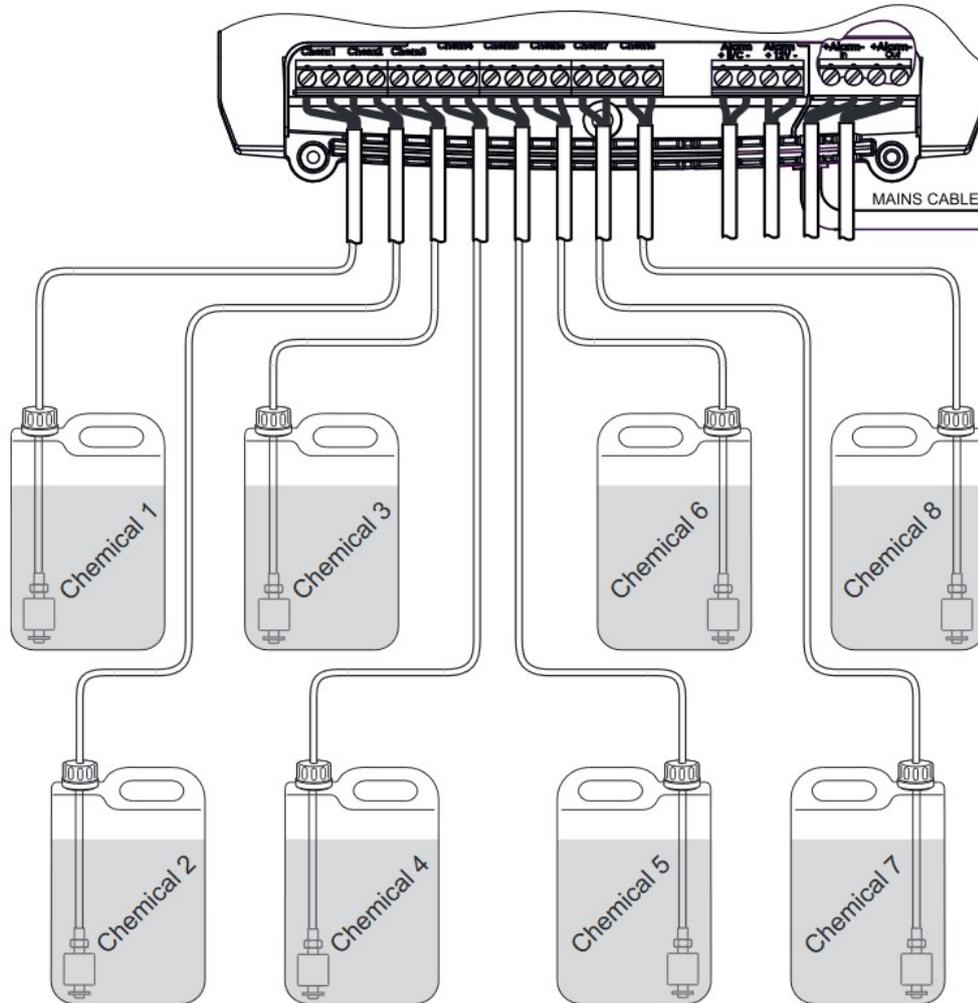


WARNING Please read precautions thoroughly before operation. Meet all applicable local codes and regulations.

WEAR Protective clothing and eye wear when dispensing chemicals or other materials or when working in the vicinity of all chemicals, filling or emptying equipment, or changing metering tips.

ALWAYS Observe safety and handling instructions of the chemical manufacturer.
Direct discharge away from you or other persons or into approved containers.
Dispense cleaners and chemicals in accordance with manufacturer's instructions.
Exercise CAUTION when maintaining your equipment.
Reassemble equipment according to instruction procedures.
Be sure all components are firmly screwed or latched into position.

Pull a sensor out of the chemical until the float is exposed. The alarm should now go on.



Picture 6: Schematic view of sensor wiring