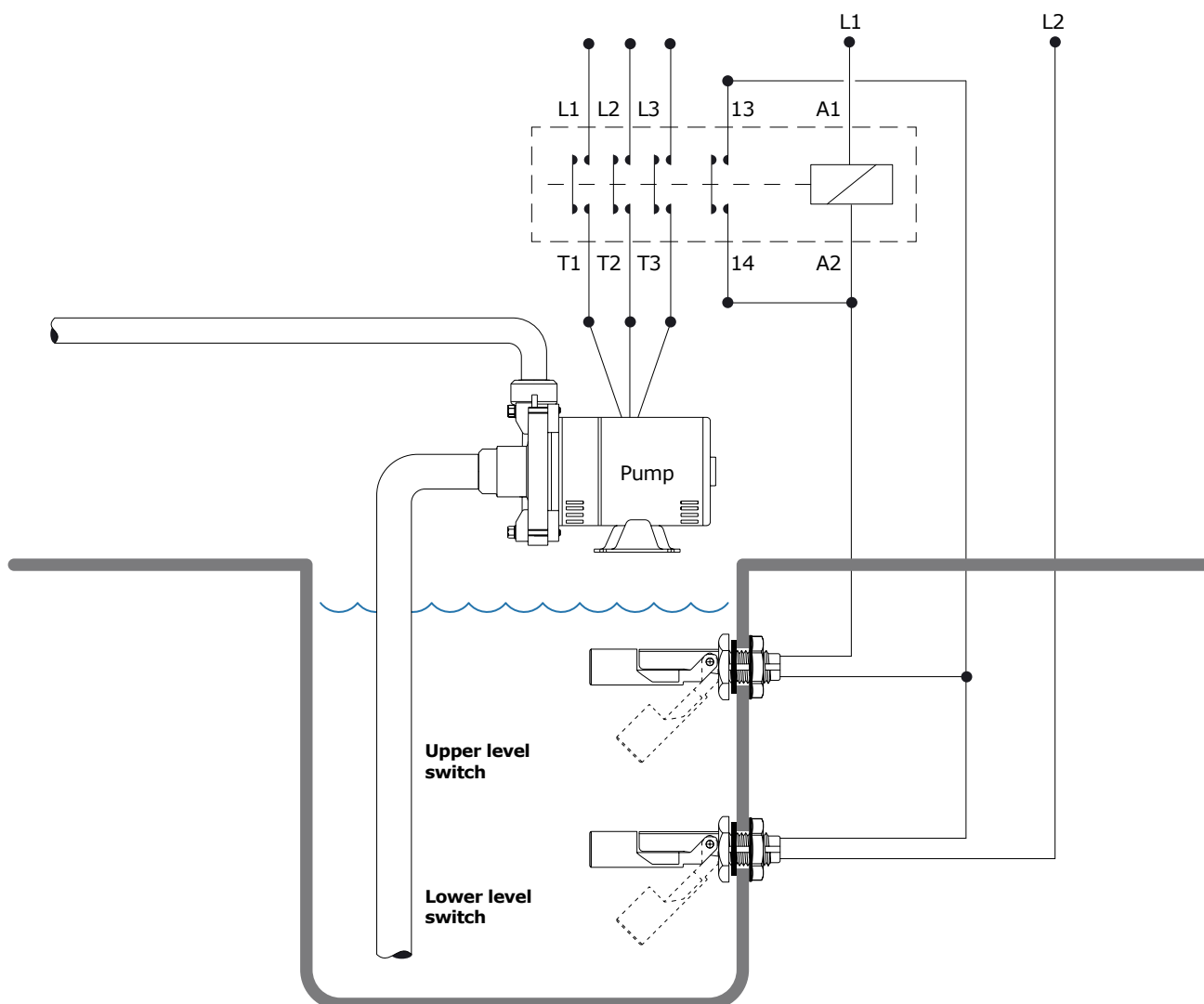


Installation of **Level Switches** and **contactor** for pump automation in drainage system (underground tank).



- Working**
- ❶ Empty tank: The **Level Switches** are opened and do not allow the **contactor** coil energization (A1/A2), keeping the pump turned off.
 - ❷ The tank level rises: The lower **Level Switch** closes the contacts but the **contactor** coil keeps not energized until the upper **Level Switch** be reached, then the **contactor** remains energized by the contacts 13/14, turning the pump on.
 - ❸ Filled up tank: When the upper **Level Switch** opens the **contactor** coil, it keeps energized by the contacts 13/14 and turning the pump on. When the level get the lower **Level Switch** it will open the contact, turning the pump off.



Useful Links:

- » [Lower and Upper Tanks Level Control Automation](#)
- » [How it Works: Level Switches](#)
- » [Increase the life of your Sensor](#)

