

HOW TO INSERT ANOTHER PUMP COMMAND.

A characteristic of the control node of the pump and water level gauge is that of providing the possibility of inserting a control switch for actuation. This switch must be connected to the two free contacts of the same connector to which the pump is connected.

For rapid insertion, a wiring harness called “Pump Control Wiring harness” is available and makes it simple to implement this characteristic.

Assembly instructions

- Extract the pump connector from the node (connector 1 in Figure 2 A);
- Insert the pump connector (1) into the appropriate connector of the “ Pump Control Wiring harness” (Figure 1);

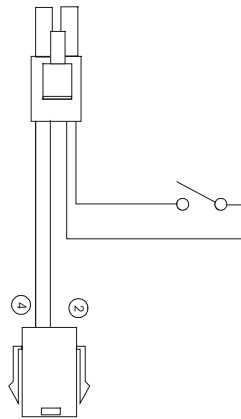


Figure 1 " Pump Control Wiring harness "

- connect the free end of the “Pump Control Wiring Harness ”to the node of connector 1 (Figure 2 B).

At this point you can use the switch of the “Pump Control Wiring Harness ”to activate/deactivate the pump.

Clearly the length of the switch wires may vary according to your needs. If, for example, you want to have an additional pump control in the bathroom, all you need to do is extend the wires of the switch to the bathroom.

Clearly, there is also the possibility of controlling the on/off pump from the control panel.

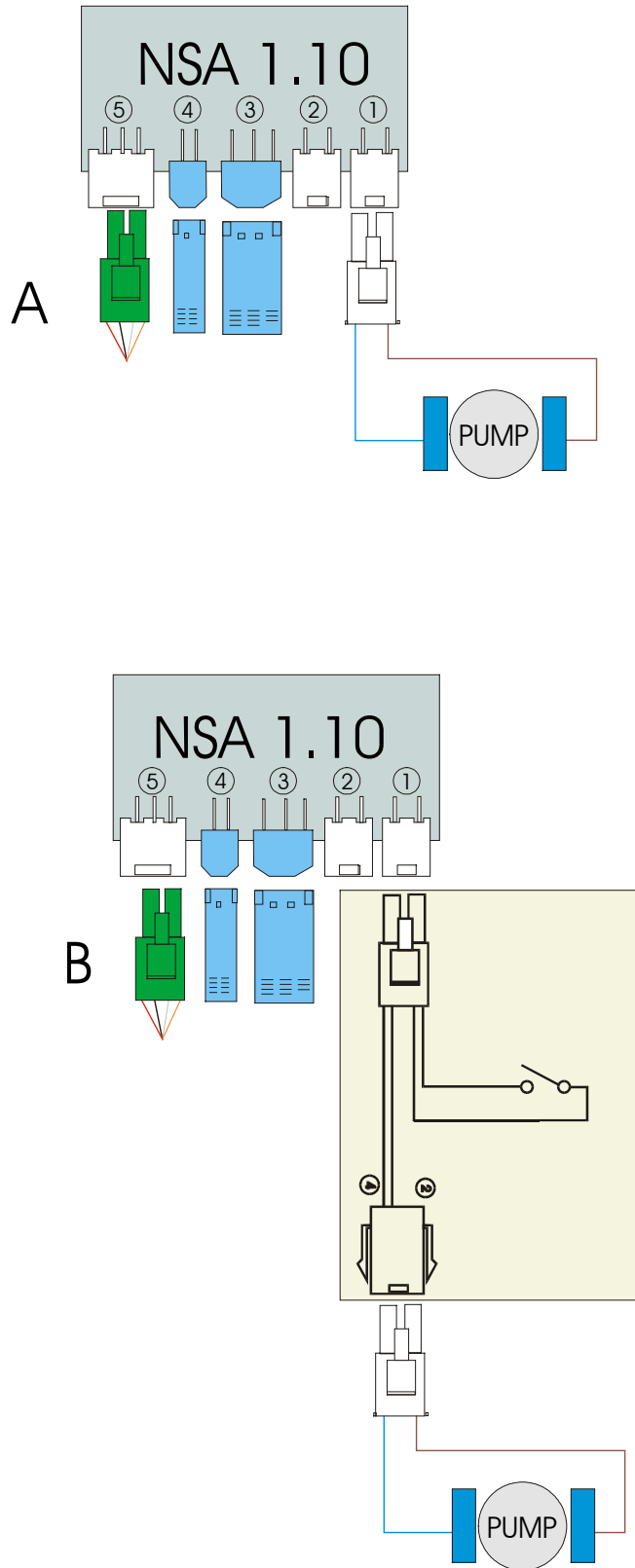


Figure 2 "Inserting the Pump Control Wiring Harness"

Comparison

In these few lines, we would like to compare the addition of a second pump control into a standard system¹ (Figure 3) with its addition into an intelligent node system (Figure 4).

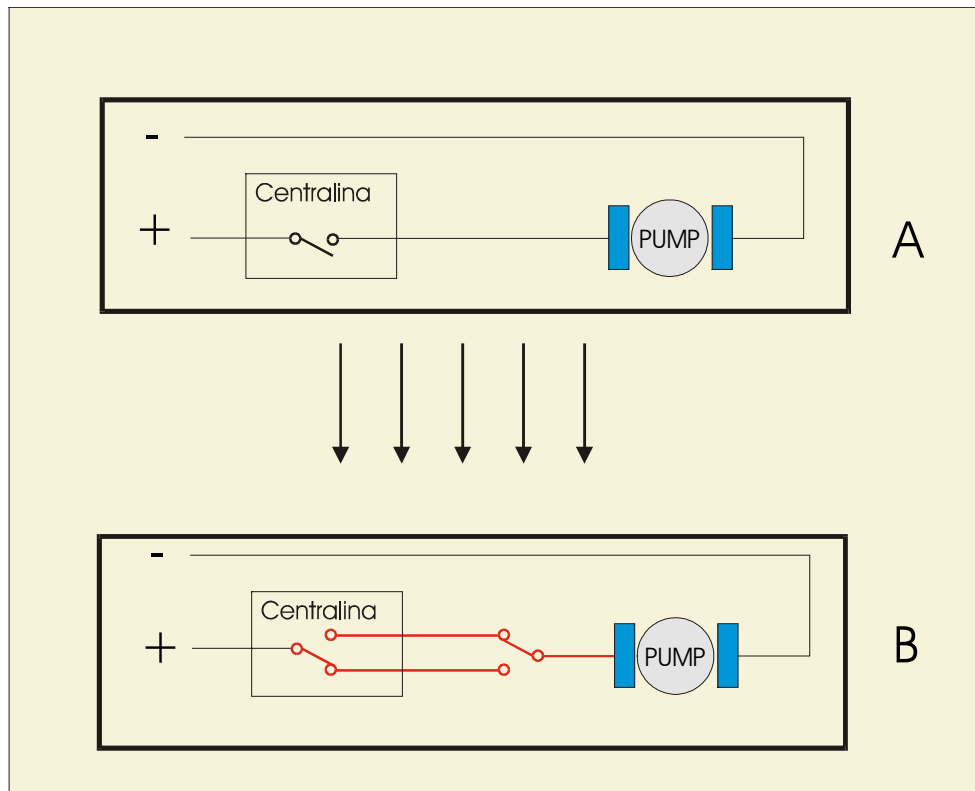


Figure 3 "(A) one control point; (B) two control points in a standard wiring harness system. The operations to be performed are shown in red"

The drawing clearly shows that in a standard system a simple operation like the one described above requires the use of two switches (one in the control unit and one for the auxiliary control) and an “ad hoc” wiring harness that is sufficiently complex for the switches.

¹ The intelligent system refers to that which controls the pump by means of a switch. There can also be wiring harnesses that control the pump by means of pushbuttons with the help of relays.

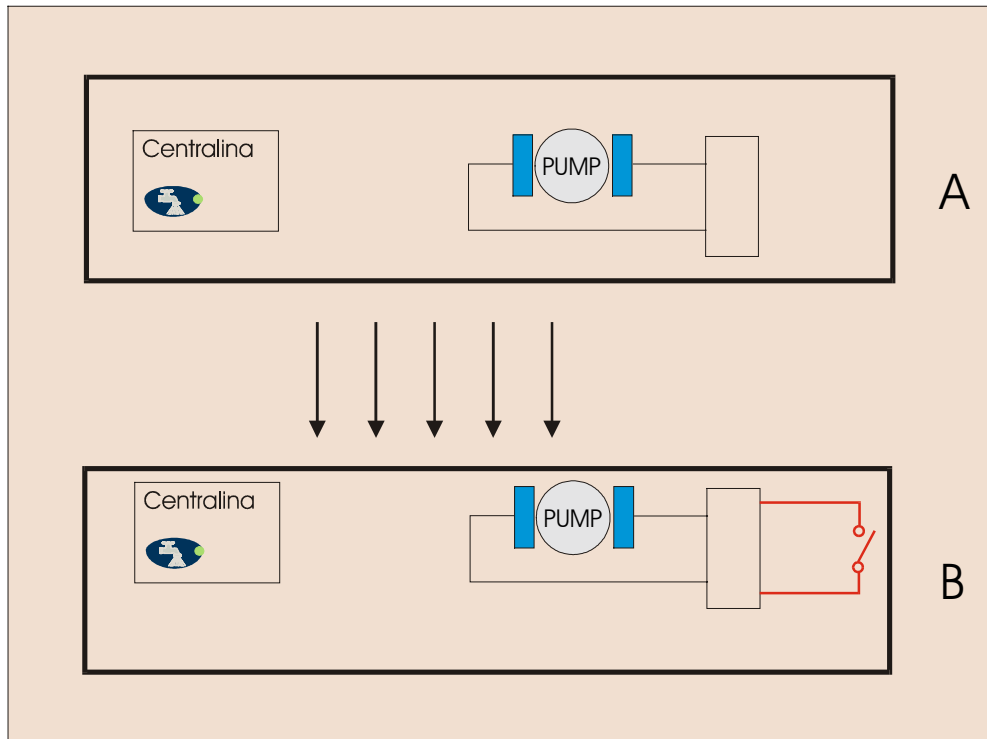


Figure 4 " (A) one control point; (B) two control points in an intelligent wiring harness system. The operations to be performed are shown in red "

In the intelligent node system, however, the operations to be performed are the following:

- 1 – Position the control switch in the preselected area;
- 2 – Connect the two wires of the switch to the pump node.