

1

Turn Off the Power

- Isolate the Power Source: Ensure the watermist pump is completely isolated from the power supply. This can be done by switching off the relevant circuit breaker or disconnecting the electrical isolator.
- Lockout/Tagout (LOTO): Apply lockout/tagout procedures to prevent accidental re-energising of the system. Place a physical lock and a visible tag on the power source, indicating that maintenance is ongoing and the system should not be powered on.
- Verify Power is Off
- Test for Voltage: Use a multimeter or a non-contact voltage tester to confirm that no voltage is present at the pump terminals or the electrical supply points.

The purpose of this document is to provide instructions for replacing the flow switch on the iCO high pressure pump.

This should only be carried out by an iCO approved installer.

2

Close water supply off at the inlet valve



3

Remove pump enclosure

- Remove the two screws from the outer cover. One either side, bottom-front. See red arrow.
- Place hands on cover sides, lift and pull away.



4

Take off the electronics board enclosure

- Undo the two screws from the PCB cover. One either side, bottom position. See red arrow. (Note the screws are retained and will remain in the panel)
- Place hands on cover sides, lift and slide upwards, pull away.



5

Disconnect flow switch from PCB

- Unscrew the terminal screws on the highlighted connector block and remove the wires.



6

Undo the nut on the hose using 21mm and 24mm spanners



7

Undo the nut on the elbow using a 24mm spanner



8

Remove the hose and old flow switch



9

Install the new flow switch with the arrow facing upwards



10

Tighten the nuts on the elbow and hose with spanners gently



11

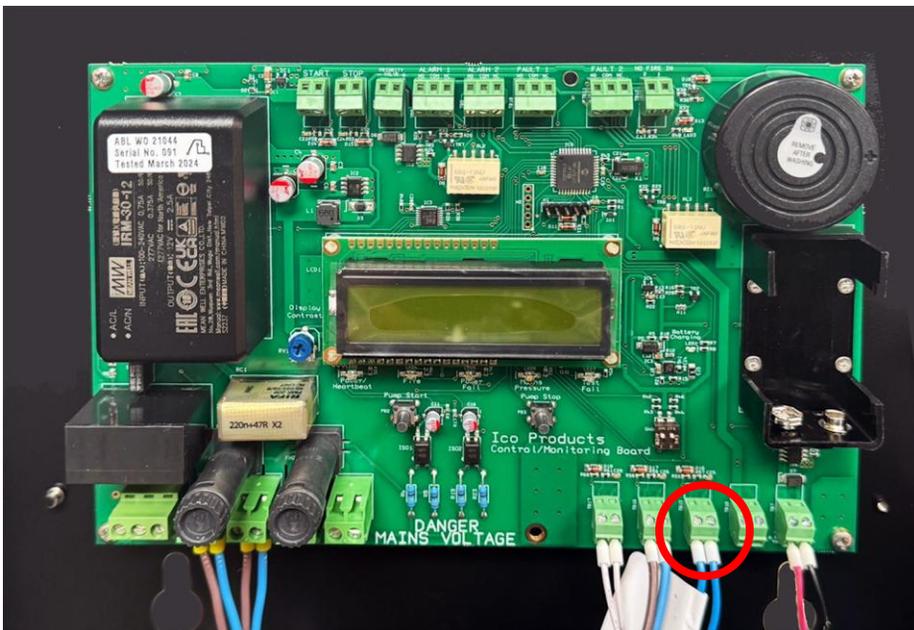
Tighten the nuts on the elbow and hose with a torque wrench to 10Nm



12

Reconnect flow switch wires to PCB terminals

- Insert the flow switch wires into the terminal block and tighten the terminal screws.



13

Recommission pump and system

- Turn water supply back on
- Turn on electrical power
- Complete self test
- Check for any leaks
- Refit all enclosures



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