



## Fire Sprinkler Watchdog (FSW) Troubleshooting Guide

13061-04-07-OTH rev0A



- 1. Pump does not run when 'Test' button is pressed**

Check green Power LED is 'on'. If it is not check the mains input wiring.  
Check that blue 'Pump' LED is 'on' following 'test' button being pressed. If it is not then the FSW is faulty  
Check that the electrical wiring between FSW and pump is in accordance to the manual. There should be a direct connection from the FSW switched live terminal to the pump bypassing the pressure switch.
- 2. Pump does not run at expected time for weekly test**

Check that weekly test time has been set in accordance to the manual.
- 3. Red 'Fault' LED is flashing every second indicating pump over current**

Check that pump operates correctly when "Test" button is pressed. If pump over current is detected it will stop running after 2 seconds otherwise it will run for 10 seconds. If pump does not operate correctly check wiring.  
Check that pump current learning procedure has been carried out in accordance to the manual. This can only be done by repeating the procedure.  
If a current clamp meter is available use it to measure the pump current. Ensure that this current is consistent each time a test is carried out.
- 4. Red 'Fault' LED is flashing every 2 seconds indicating pump under current**

Check that pump operates correctly when "Test" button is pressed. If pump under current is detected it will stop running after 2 seconds otherwise it will run for 10 seconds. If pump does not operate correctly check wiring.  
Check that pump current learning procedure has been carried out in accordance to the manual. This can only be done by repeating the procedure.  
If a current clamp meter is available use it to measure the pump current. Ensure that this current is consistent each time a test is carried out.

5. **Orange 'Service' LED is 'on' constantly**

Annual service is required.

Pressing the internal pushbutton switch will reset the indication.

6. **Orange 'Service' LED flashing every 2 seconds**

Internal batteries need replacing.

Fit new batteries. This should be done at every annual service.

Pressing the internal pushbutton switch will reset the indication.

7. **Power Fail alarm not activating**

The loss of mains input power is only detected during a pump test and it will cause the pump under current alarm condition. Loss of mains power input is not detected or indicated if a pump test is not in progress.

8. **Auto Dialler Alarm Contacts not activating**

The alarm contact is active for only 3 seconds following one of the fault conditions given in the manual. An auto dialler must be selected that is suitable to operate with this trigger pulse.