

PICO *Touch* b11 Alarm Code Troubleshooting Instructions

Introduction

These instructions provide detailed steps for clearing a b11 alarm code (Piezo Driver Fault) when it occurs in a PICO *Touch*® controller and PICO *Pulse*® valve system.

Possible Causes of a b11 Alarm

- A *Pulse* XP valve cable was disconnected or connected when the *Touch* XP controller was powered ON. If this was the cause of the b11 alarm, following this procedure will clear the alarm and allow you to resume normal operation.
- An error occurred in the piezo driver circuitry. If this was the cause of the b11 alarm, the alarm will persist after it is cleared using this procedure. If this occurs, contact your Nordson EFD representative for assistance.

NOTE: A b11 alarm cannot be cleared via the Error Reset input.

Clearing a b11 Alarm

PREREQUISITES

- The PICO *Touch* and *Pulse* system is properly installed in accordance with the installation instructions in the controller and valve operating manuals.
- All system connections, including the valve power and communication cables, are correct and secure.



Controller screen with no alarms



Valve alarm present



1. Press the alarm message box.



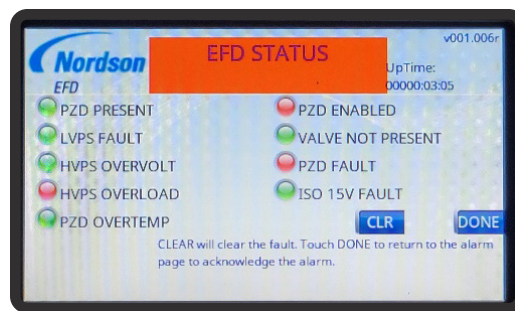
The system displays the alarm code (in this case, b11 004, Piezo Driver Fault).

Clearing a b11 Alarm (continued)

2

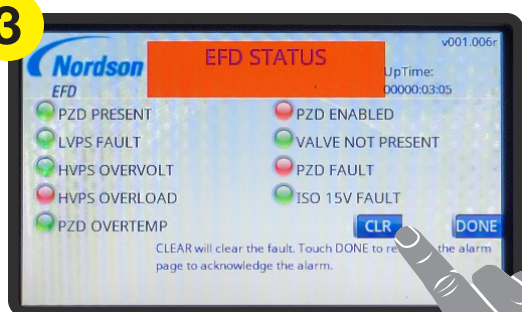


2. Press DETAILS for more information about the alarm.

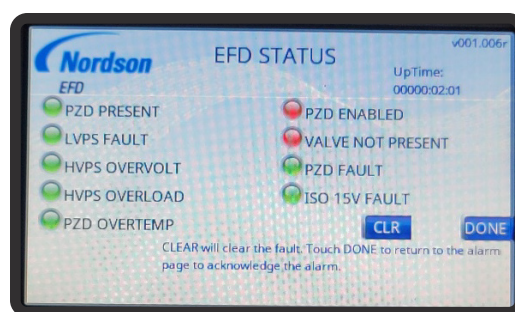


The system displays the alarm code details.

3

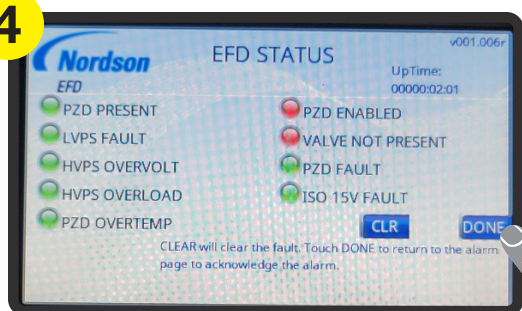


3. Press CLR (clear).



The EFD STATUS screen shows the faults that cleared.

4




4. Press DONE.



The system returns to the alarm screen.

Clearing a b11 Alarm (continued)



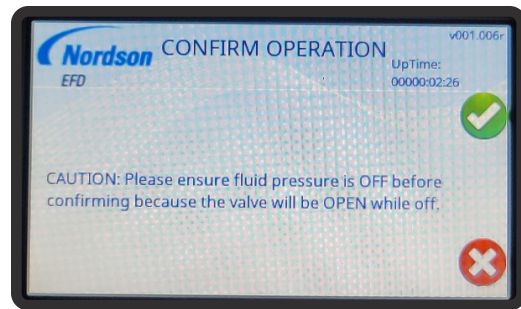
5. Press the green check mark .



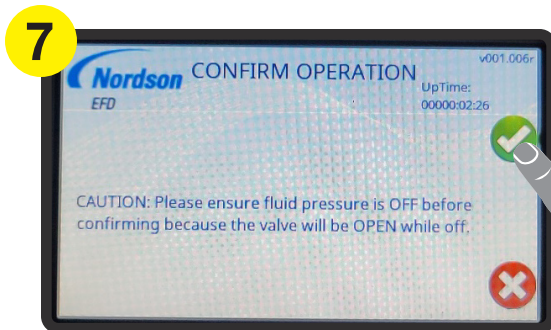
The system returns to the Valve screen (but the alarm is not yet fully cleared).




6. Press POWER to switch the valve power OFF.



The CONFIRM OPERATION screen opens. Ensure that the fluid pressure to the valve is OFF.



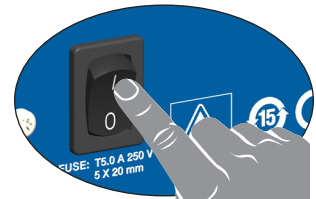
7. Press the green check mark  on this screen.



The alarm should be fully cleared.

If the alarm persists, switch the controller power OFF, wait at least 5 seconds, then switch the power back ON.

If the alarm still persists, contact your Nordson EFD representative.





EFD

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