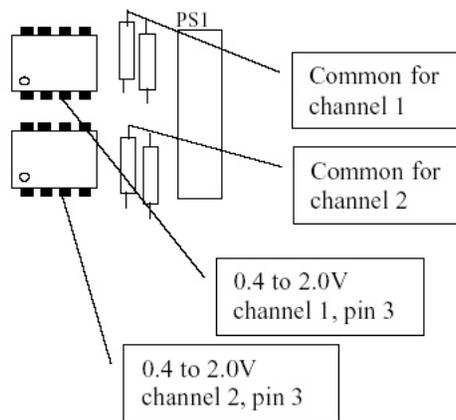


## 9060 Series Analyzer DAC Alarms

The failure could be on either the 9060-1 or 9060-2 PCB. You could find out which PCB by:

1. Replacing either PCB from another analyzer.
2. Measuring the voltage on the 9060-2 PCB between the common and pin of the 8-pin IC during the auto-cal process.



If the voltage on pin 3 goes from 0.4 to 2.0 when an auto-cal is performed the fault will be on the 9060-2 PCB.

If the fault is on the -2 PCB, the components to check or change are-

1. LED1 and LED2.
2. RL3 and RL4
3. LM358 (channel 1 and 2)
4. PS1 (for channel 2). Measure the voltage between pins 4 and 8 of the 8-pin IC in channel 2. It should be about 24 volts.

You can probably determine if the fault is on channel 1 or 2 by checking-

1. Are either of the channels working in run mode?
2. Are the LEDs going dim-bright in the auto-cal procedure?
3. Unplug the output 4-20mA wires, and see if the LEDs go dim-bright in the auto-cal procedure. Do not light when the external connections are removed, but do light with the external wires connected the associated relay will be faulty.

If the fault is on the 9060-1 PCB check the ribbon cables by pressing both end connectors.