

**12 Alarm code display**

If a PV alarm or an instrument alarm is detected, a program segment No and its alarm code are displayed on the PROG/SEG indicator alternately every second, but the instrument run and other action are continued. However, if A90 alarm occurs, its alarm code only is continuously displayed on the PROG/SEG indicator, and the lower-stage indicator displays the present board input/output and option type. The instrument does not start any action.

Alarm code	Meanings	Remedial measures
RL 01	PV is not within a range of -10 to 110% FS.	Check the sensor/disconnection.
RL 90	PC board is not properly mounted. (Check it only when power is turned on.)	Ask for repair.
RL 92	EEPROM is defective.	Ask for repair.
RL 94	SETUP and PARA parameter contents were broken.	Reset.
RL 95	PID parameter contents were broken.	
RL 96	Program pattern contents were broken.	
RL 98	RAM is defective.	Ask for repair.
RL 99	ROM is defective.	

**13 Condition (of the DCP216) after recovery from a power failure**

- A power failure to the DCP216 will occur when its power supply drops below 70V AC and remains below this level for longer than 100 msec.
- After sufficient power has been generated, all functions of the instrument will return to conditions existing before the failure, i.e. the display mode will continue operations from the point immediately before the failure. Operating time will also progress from the point immediately before the failure. However, the LED display and the EVENT operation will only reappear two to three seconds after sufficient power has been generated; upon reactivation, their timing will not coincide with the other operations' timing.

**14 Read conditions**

- Control output condition: 0% output (control output code 5G indicates 4mA; 0D and 6D mean off)
- SP output (when the main output is set to SP by 5G) condition: Output corresponding to the lower-limit of the PV range.
- Event output condition: off when set to direct action with parameter, and on when set to reverse action with parameter.
- Time event output condition: off
- Display condition: Both RUN and HOLD LET's off.
- PID operation: Not operated.
- Auxiliary output condition: Same as in running. However, the lower-limit of PV range, when set to the SP output.
- Others: Setup setting possible.