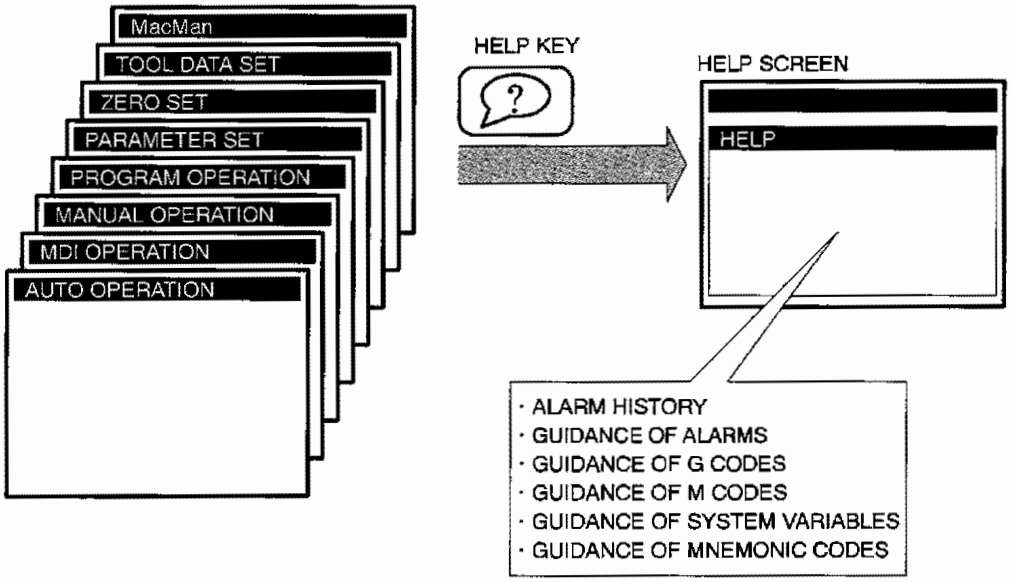
SECTION 7 HELP FUNCTION

1. Summary

If your are in trouble due to the occurrence of an alarm, or if you are not sure about G/M codes or other commands while you are creating a program, press the HELP key.

The HELP screen displays guidance concerning the following information:

- Alarm
- G codes
- M codes
- System variables
- Mnemonic codes

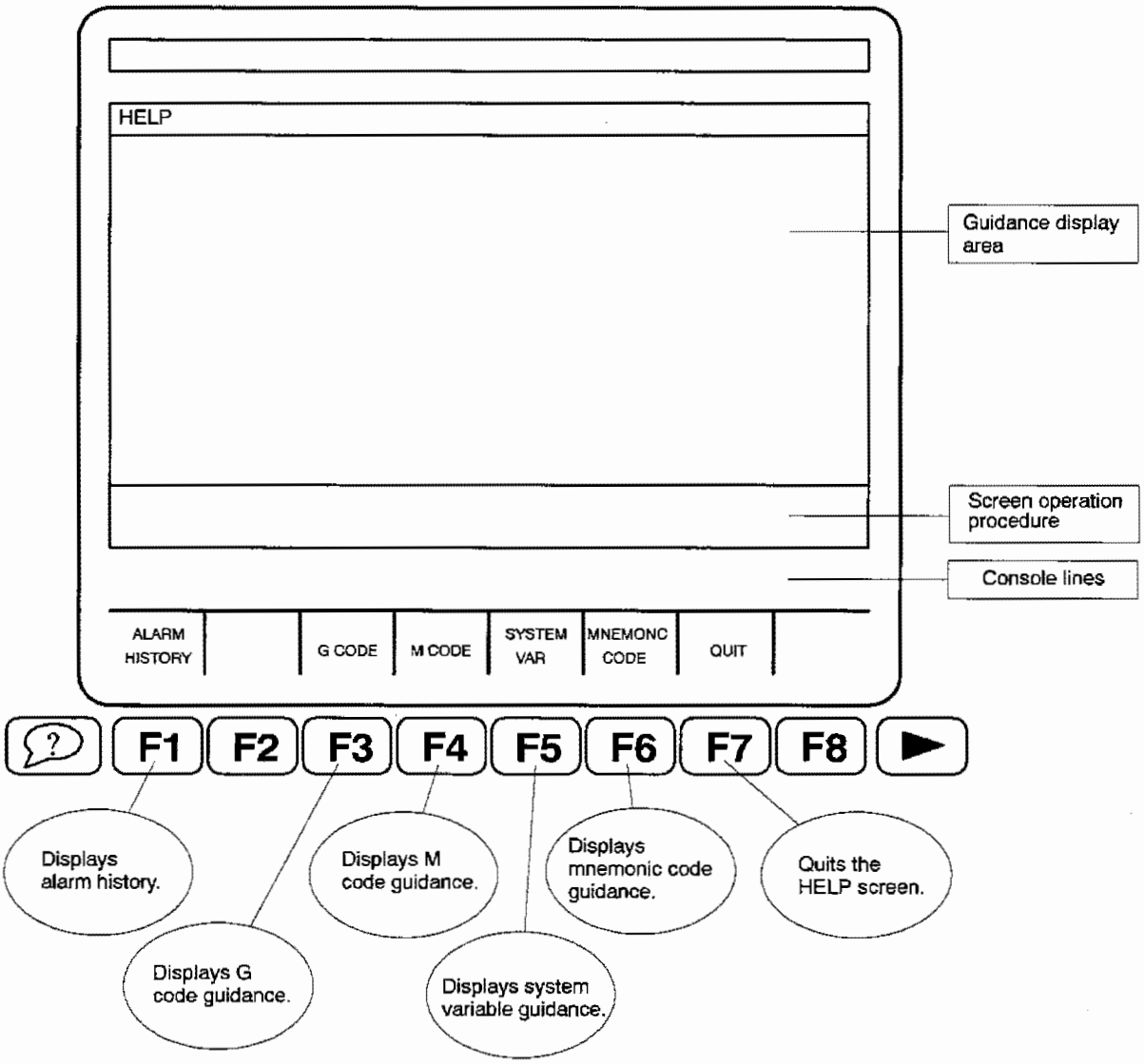


When the HELP key is pressed in an alarm state, guidance of the alarm is displayed.

If the HELP key is pressed while the NC is not in an alarm state, the HELP screen which was displayed last is displayed. In the previous operation, however, if the guidance screen was scrolled by cursor keys or page keys, the guidance screen before it was scrolled is displayed.

2. HELP Screen

After calling the HELP screen, you can display the desired guidance by pressing the corresponding function key.



"What G code should be used for this fixed cycle?"

If this is your question, press [F1] (G CODE), and the list of G codes is displayed.

Scroll the screen using cursor keys or page keys until you find the G code of the desired fixed cycle.

What is the nature of alarm No. 2000?

What mode is called by G91?

What function is called by M05?

What is VPVLX?

What is ATAN?

If you need the guidance on specific alarm or code, input the alarm number or the code and press the WRITE key.

3. HELP Screen for Alarms

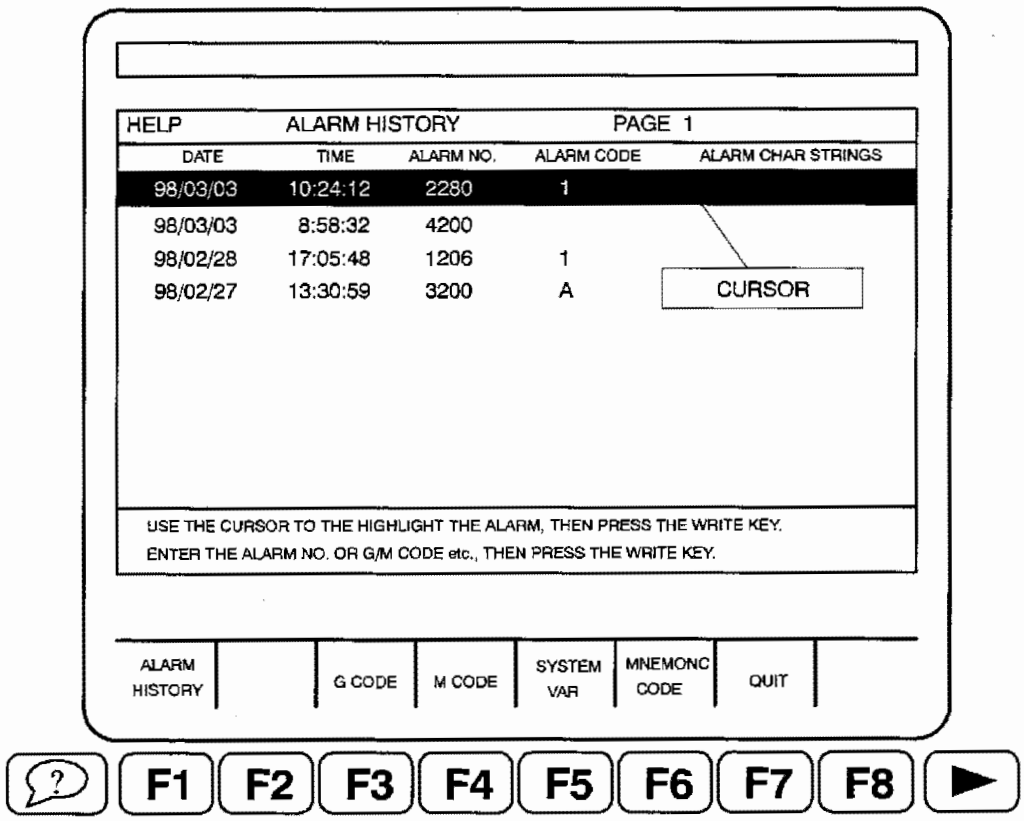
3-1. Guidance on Active Alarms

If the NC is in an alarm state, simply press the HELP key and the guidance is displayed for the active alarm.

If an alarm occurred while a HELP screen was displayed, quit the HELP screen once by pressing [F7] (QUIT) then press the HELP key again.

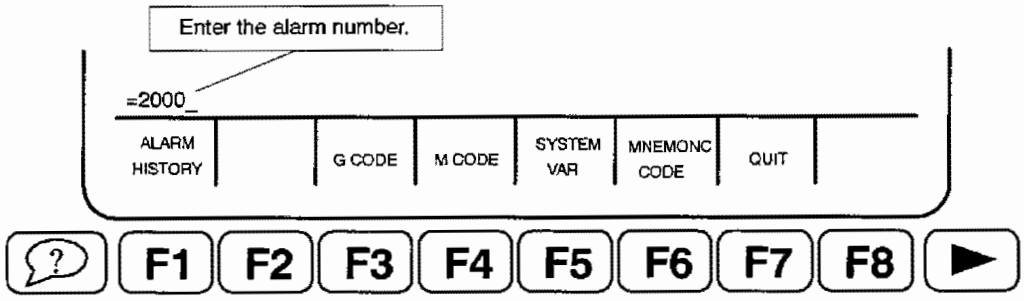
3-2. Selection from Alarm History

Move the cursor to the alarm for which you need the guidance and press the WRITE key.



3-3. Entering an Alarm Number

After entering an alarm number using numeric keys, press the WRITE key.



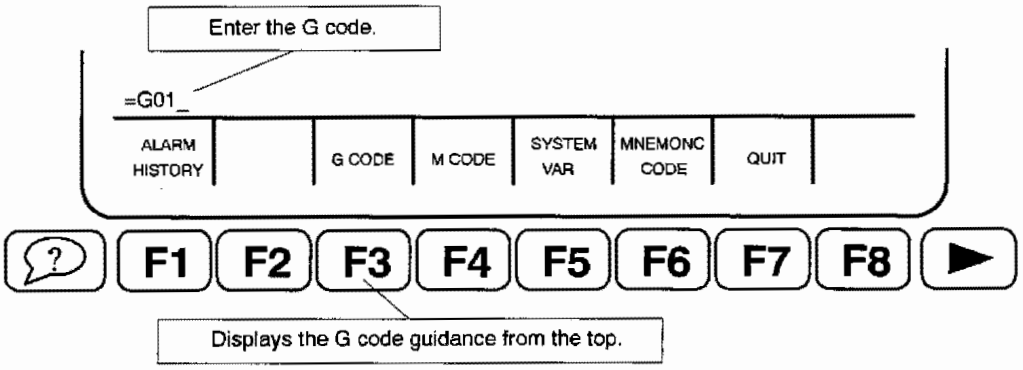
4. Program Help

The program help screens show the guidance on G codes, M codes, system variables, and mnemonic codes.

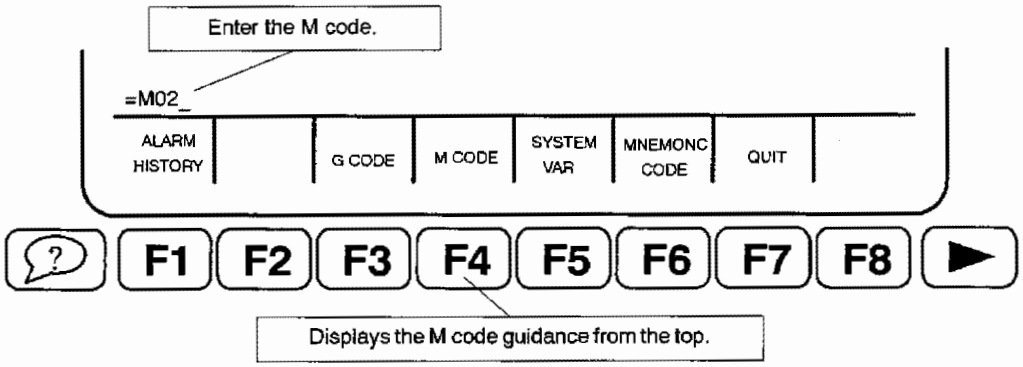
When a function key ([F3] to [F6]) is pressed, the guidance is displayed from the top. Scroll the screen by pressing cursor keys and page keys until the screen displays the guidance you need.

To display the guidance of a specific code, enter the code and press the WRITE key. The screen displays the guidance on the entered code.

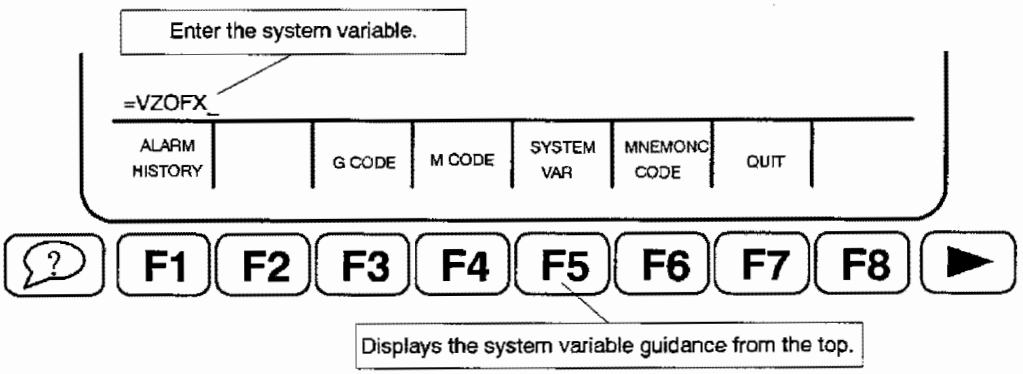
4-1. G Codes



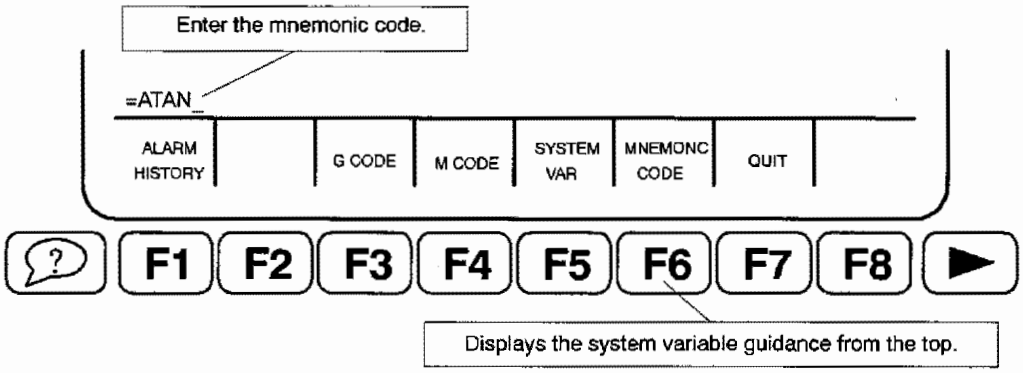
4-2. M Codes



4-3. System Variables



4-4. Mnemonic Codes

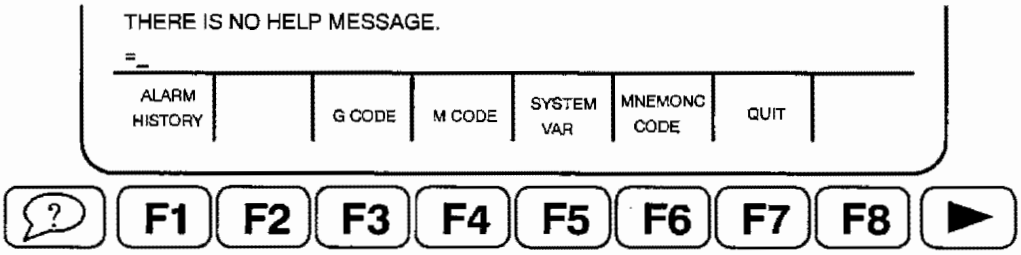


5. Supplement

There are screens (REPORT IMFORMATION and JOB PROCEDURE DISPLAY in the MacMan mode, etc.) on which the help function does not run due to the restrictions on internal processing.

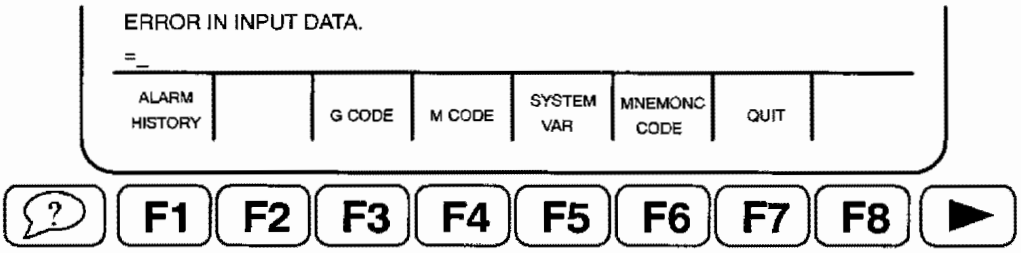
If the HELP key is pressed while these screen are displayed, the screen does not change.

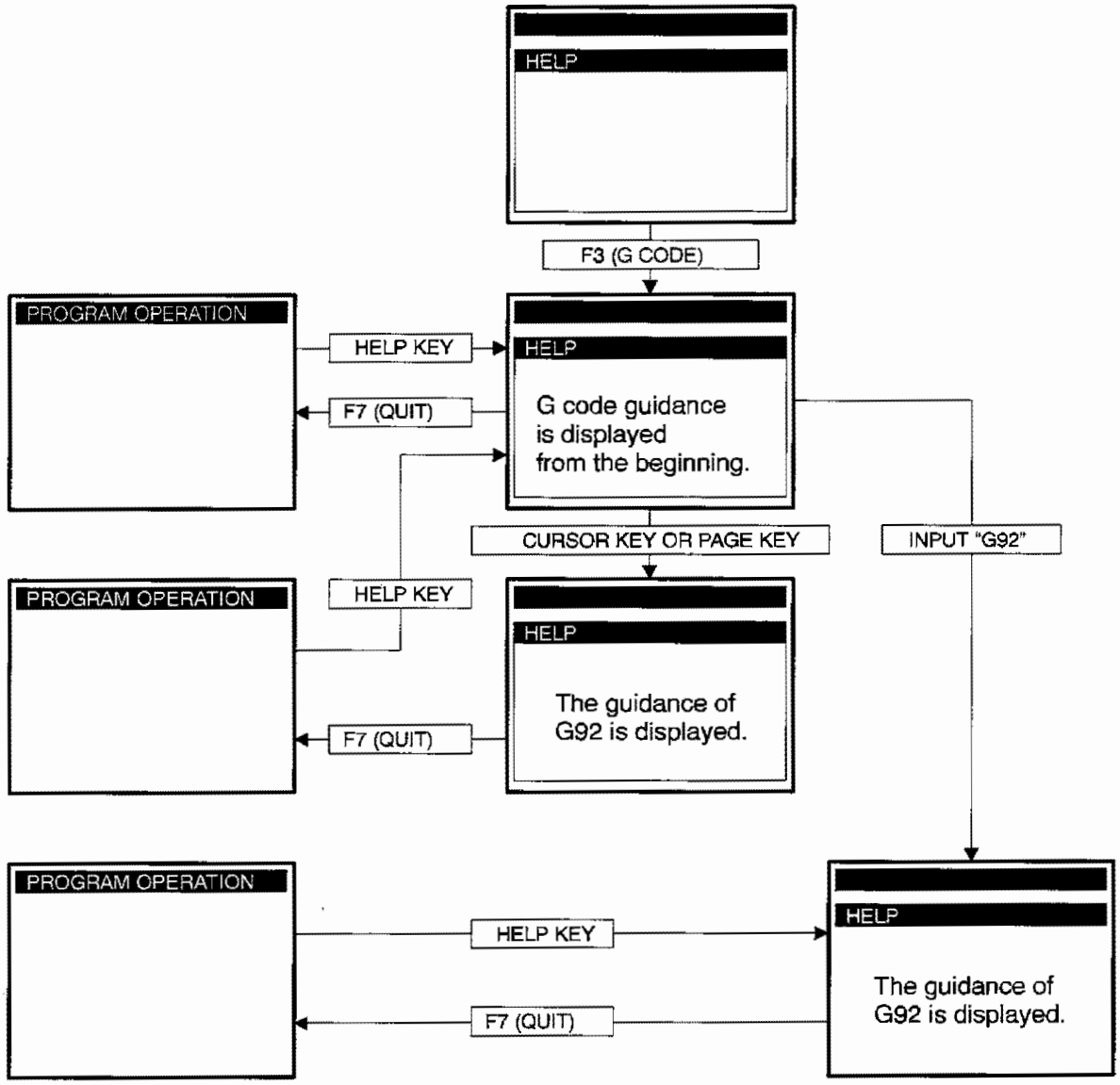
If the guidance is not provided for the entered alarm number, G code, M code, system variable, or mnemonic code, "THERE IS NO HELP MESSAGE" appears in the console line and the guidance display area is blanked.



If you input numbers or character-strings shown below, "ERROR IN INPUT DATA" is displayed. In this case, the previous guidance remains displayed in the guidance display area.

- An alarm number of 2 digits or less or 5 digits or larger
- A G or M code of 6 characters or more
- A G or M code including an alphabetic letter other than G and M
- A character-string of 10 characters or more



If the HELP key is pressed while the NC is not in an alarm state, the HELP screen displayed last is displayed. If the last HELP screen was scrolled, the screen before the scroll is displayed.

Example