

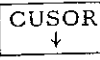
2.11.8 DISPLAY AND WRITE OF LOCAL VARIABLES AND COMMON VARIABLE

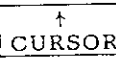
Local variables (#1 through #33) and common variables (#100 through #149, #500 through #509) can be displayed and written by the following operations:

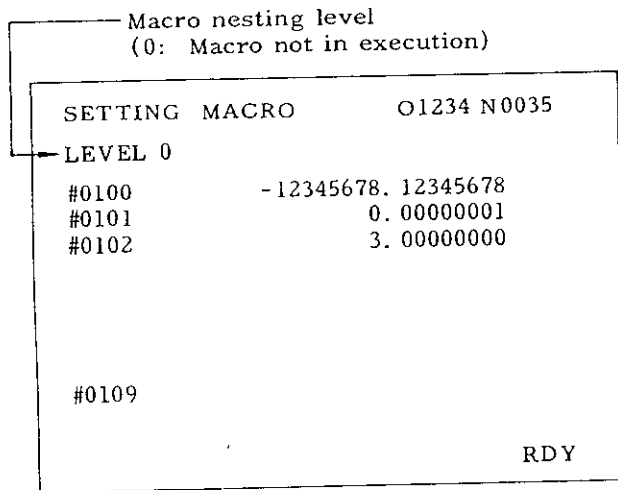
(1) Display Operations

A. Display of Variables



a. Press SET function key. Mode select position may be provided anywhere.

b. Key-in the variable number and press 

key or  key. However, # need not be keyed-in. Ten sets of variable numbers including the specified variable number and their data are displayed. The data are displayed in the signed 8-digit integer part and the 8-digit fraction part.



Sample Display of Common Variables

c. Press  key or  key, and the display may be scrolled up or down.

B. Remarks

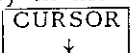
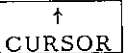
a. Common variables may always be displayed for review.

b. For local variables, those of the macro currently executed are displayed. Consequently, when a macro of a nesting level is in execution, the local variables of the macros of the other nesting levels cannot be seen. The local variables after completion of execution are all reset to "blank."

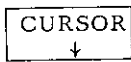
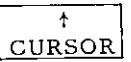


(2) Write Operations

A. Write of Values to Variables

a. Press SET function key. Mode select position may be provided anywhere.

b. Key-in the variable number to be written. Press  key or  key. However, # need not be keyed-in. The keyed-in variable number is specified and the cursor is positioned to it.

c. Key-in the value to be written. Press WR key. The keyed-in value is stored as the data of the variable number with the cursor positioned.

d. Press  key or  key or  key or  key to move the cursor.

e. Repeat operations in c. and d. to write the values to the desired variables.

B. Remarks

a. Common variables can always be changed.

b. Local variables may not be written at any time other than when a macro is in execution. Any attempt to do so is invalidated. However, rewriting of local variables during macro execution may cause an unexpected failure. Before attempting the rewriting, stop the machine operation by single stop function and check to see if it is safe to rewrite variables.

c. The written local variables and common variables #100 through #149 are reset to "blank" by the reset operation or the power-on operation.

2.11.9 CONSIDERATIONS AND REMARKS FOR USER MACROS

(1) Summary of Restrictions

A. Available Variables

#1 through #33 ... Local variables.
 #100 through #149 } Common variables.
 #500 through #509 }
 System variables