B. Available Variable Values

Maximum value ... $\pm 10^{+308}$

Minimum value ... $\pm 10^{-308}$

C. Constant Values Usable in ⟨Expression⟩

±(8 digits above decimal point). (7 digits below decimal points).

Sample Maximum value ±99999999.9999999

Minimum value ±0.0000001

D. Operational Accuracy

Decimal 15 digits significant.

E. Macro Call Maximum Nesting Level

Quadruple (four-hold).

F. Maximum Nesting Level of Repeat Command

Triple (thread-hold) for each macro.

G. Repeat Command (DO) Identifier m

m = 1, 2, and 3.

H. Maximum Nesting Level of Brackets

Quintuple (five-hold).

(2) Differences Between User Macro and Subprogram

A. User macros G65 and G66 allow argument designation but the subprogram (M98) does not.

B. The user macro directly branches to the user macro body without executing any command that was specified in G65 or G66 block and has no relationship with the macro. With the subprogram, however, a branch is performed after the execution of the command (if any) other than P and L in M98 block.

C. The maximum nesting level of user macro is quadruple including G65 and G66 calls. That of subprograms is also quadruple but separately.

D. If user macros are specified via the MDI during automatic operation, the maximum nesting level is restricted to quadruple. With subprograms, up to four levels of nesting are permitted in tape mode or memory mode, or separately in MDI mode.

(3) Relationship with MDI Operation

A. MDI writing permits the macro call and the execution of the called macro.

B. MDI writing does not permit or execute macro body commands such as operational commands and control commands.

C. When a macro program being executed is stopped by the single block stop function, any MDI writing command not related to the macro may be specified and executed.

(4) Relationship with Address Search

The address search function is not permitted to search for the sequence numbers in the user macro body.

(5) Relationship with Single Block Switch

A. The operational command and control command blocks do not single-block stop if the single block switch is turned on. This switch is enabled for the other macro program blocks.

B. However, when setting number #6004D1 = 1, the single block switch is enabled for the operational command and control command.

C. System variable #3003 (for the control of single block stop, see 1.5.3.6) and setting #6004 D1 mentioned above operate as shown below:

Setting #6004	System Variable #3003	When Single Bock Switch is on
D1 = 0	= 1 or 3	None of operational command, control command, and general command stop.
D1 = 0	= 0 or 2	Operational command and control command do not stop. General command stops.
D1 = 1	= 1 or 3	None of operational command, control command, and general command stop.
D1 = 1	= 0 or 2	All of operational command, control command, and general command stop.