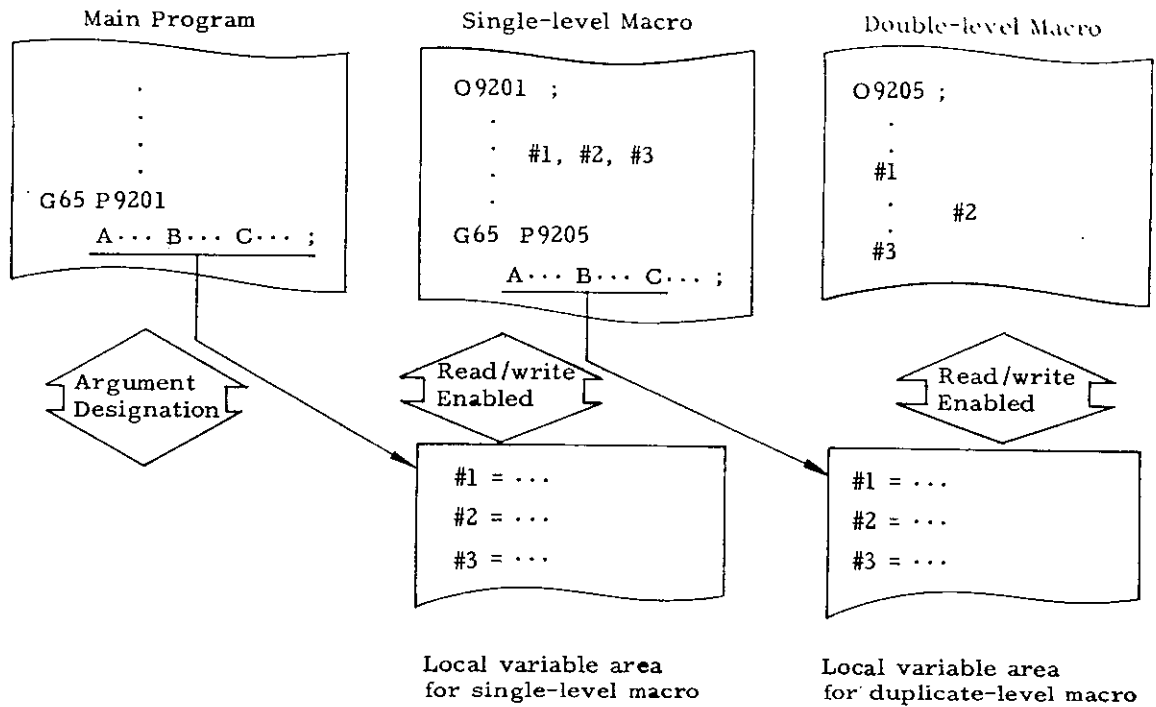


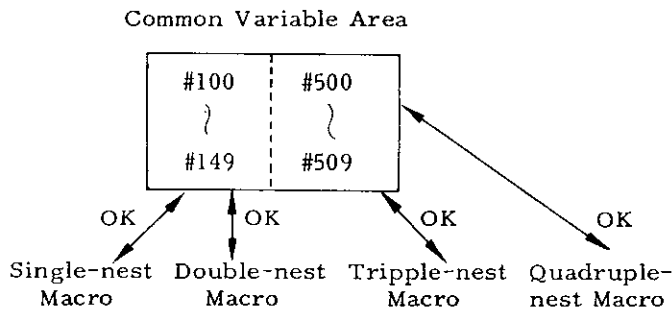
2.11.4 VARIABLES (CONT'D)



Hence, the variables #1, #2, #3, ... of the same macro assume different values each time it is called. Each local variable is reset for each macro call and is registered by argument designation. The variable not designated becomes "blank." Each local variable is set to "blank" at the time of power-on and reset operations.

(2) Common Variables (#100 through #149, #500 through #509)

A common variable may be shared by all macros and through all macros of all nesting levels. That is, the common variable enables a macro to refer to the results obtained by another macro.

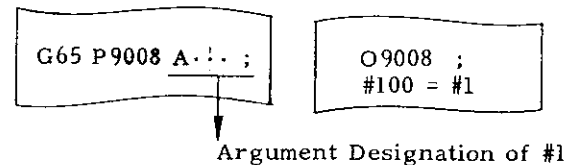


Common variables are divided into the following two types depending on clear conditions:

A. #100 through #149: These common variables are **cleared at the time of power-on and reset operations** and are set to "blank." They are not cleared by reset operation in some controls if parameter #6008 D1 is set to "1."

B. #500 through #509: These common variables are not cleared at the time of power-on and reset operations.

The common variables are available to the user without restrictions. They cannot be designated by arguments. Indirectly, however, they can be designated as follows:



(3) System Variables

A system variable is the one whose use is unique to the system. There are following types of system variables:

A. Interface input signals ... #1000 through #1015, #1032†

B. Interface output signals ... #1100 through #1115, #1132†