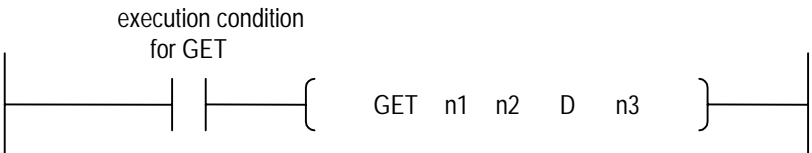


# Chapter 5. DEDICATED INSTRUCTIONS FOR SPECIAL MODULES (Read from /Write to Buffer memory)

The PID module is available only for local and occupies 16 I/O points.


## 5.1 Read from Buffer Memory . . . GET, GETP

<Format>



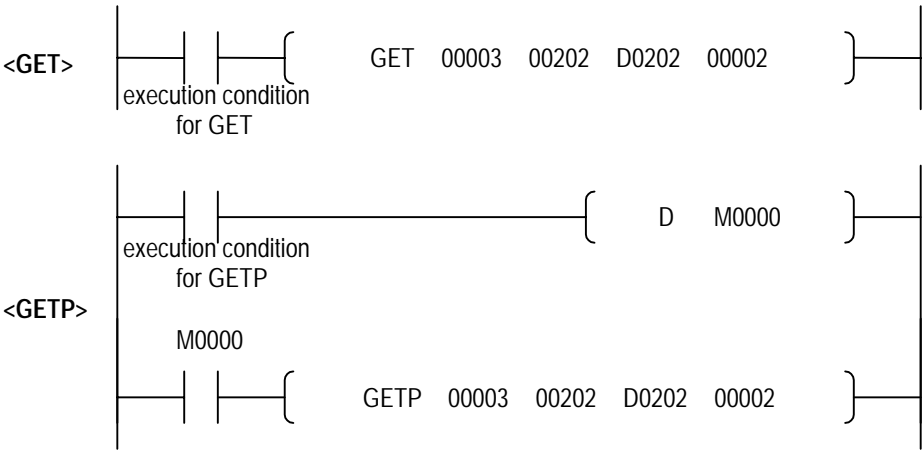
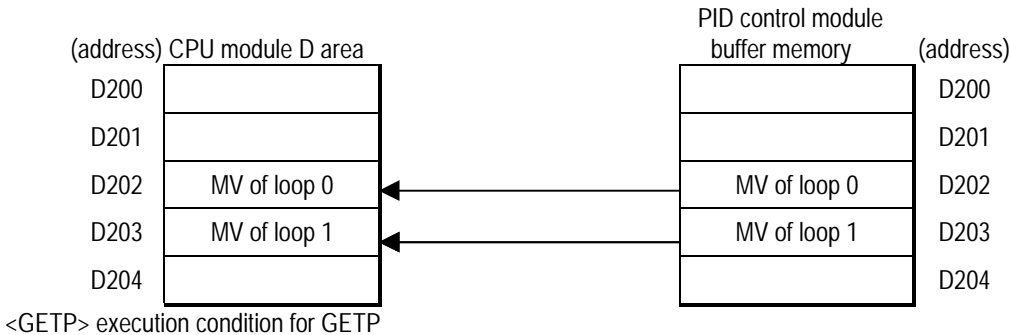
Format	Descriptions	Available Data Type
n1	The slot No. where a special module is mounted	Integer
n2	Head address of the special module buffer memories from which the data will be read.	Integer
D	Head address of the device to store the data read.	M,P,K,J,T,C,D,#D
n3	Number of data to be read .	Integer

<The difference between GET and GETP>

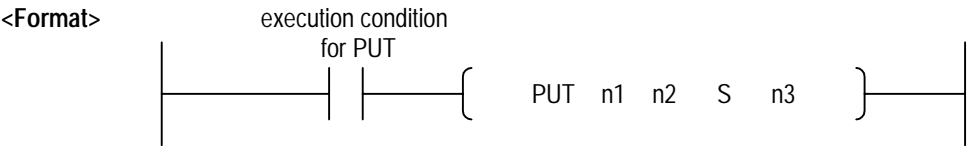
GET: Always executed if the execution condition turns on.(  )

GETP: Executed if the execution condition is triggered. (  )

Example 1) In this example, the PID control module is mounted on the slot 3 in the base unit and the data of buffer memory addresses 202 and 203 will be read to the CPU module addresses D202 and D203.



5.2 Write to Buffer Memory . . . PUT, PUTP



Format	Descriptions	Available Data Type
n1	The slot No. where a special module is mounted.	Integer
n2	Head address of the special module buffer memories to which the data will be written..	Integer
D	Head address of the device where the data to be written has been stored, or an integer	M,P,K,L,T,C,D,#D
n3	Number of data to be written.	Integer

<The difference between PUT and PUTP>

PUT: always executed if the execution condition turns on. ( )

PUTP: executed if the execution condition is triggered. ( )

Example 1) In this example, the PID control module is mounted on the slot 6 in the base unit and the data of CPU module addresses D0 and D1 will be written to the buffer memory addresses D202 and D203.

