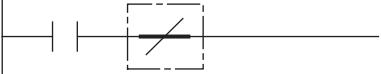# Inverting the operation result
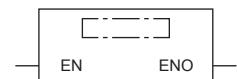
INV

FX5S | FX5UJ | FX5U | FX5UC

This instruction inverts the operation result up to this instruction.

Ladder diagram	Structured text
	ENO:=INV(EN);

FBD/LD

Processing details

• This instruction inverts the operation result up to this instruction.
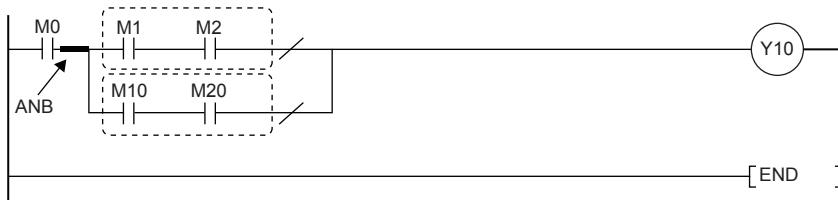
Operation result up to the INV instruction	Operation result after execution of INV instruction
OFF	ON
ON	OFF

Operation error

There is no operation error.

Point

• This instruction operates using the operation result so far. Hence, use it at the same position as the AND instruction. This instruction cannot be used at positions where the LD and OR instructions are programmed.
• If a ladder block is used, the operation result is inverted within the range of the ladder block. When operating a ladder with this instruction and the ANB instruction, pay attention to the inversion range.

: Inversion range

For details ANB instruction, refer to the following.

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