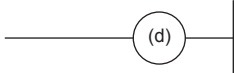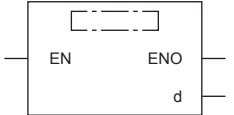# 6.3 Output Instructions

Out (excluding the timer, counter and annunciator)

OUT

FX5S **FX5UJ** **FX5U** **FX5UC**

This instruction outputs the operation result up to this instruction to the specified device.

| Ladder diagram	Structured text
─────(d)─────┤	ENO:=OUT(EN,d);

FBD/LD
┌─ :: ─┐ │ EN   ENO │ │   d │ └────────┘

Setting data

■Descriptions, ranges, and data types

Operand	Description	Range	Data type	Data type (label)
(d)	Number of the device that turns ON/OFF	—	Bit	ANY_BOOL
EN	Execution condition	—	Bit	BOOL
ENO	Execution result	—	Bit	BOOL

■Applicable devices

Operand	Bit	Word			Double word		Indirect specification	Constant			Others
	X, Y, M, L, SM, F, B, SB, S	T, ST, C, D, W, SD, SW, R	U□\G□	Z	LC	LZ		K, H	E	$	(DY)
(d)	○*1	○*2	○*3	—	—*4	—	—	—	—	—	○

*1 When using F, refer to ☞ Page 139 OUT F.
*2 When using T, ST, refer to ☞ Page 132 OUT T, OUTH T, OUTHS T, OUT ST, OUTH ST, OUTHS ST.
    When using C, refer to ☞ Page 135 OUT C.
*3 Only the FX5 intelligent function module can be specified.
*4 When using LC, refer to ☞ Page 137 OUT LC.
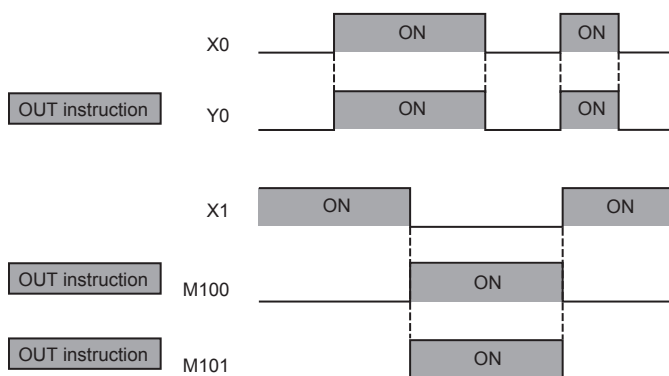
Processing details

• This instruction outputs the operation result up to this instruction to the specified device.

Condition	Operation result	Coil/specified bit
When bit device is used	OFF	OFF
	ON	ON
When bit of word device is specified	OFF	0
	ON	1

Program example

Drive contact of OUT instruction
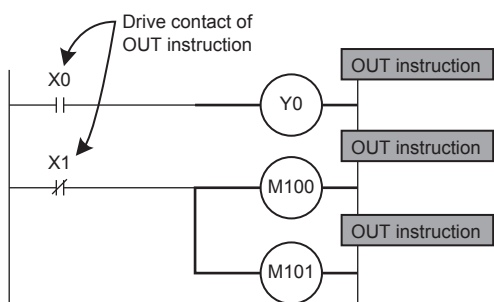
Timing chart

Operation error

There is no operation error.