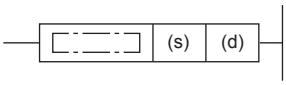
Transferring octal bits (16-bit data)

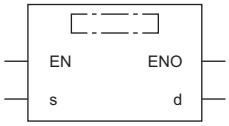
PRUN(P)

FX5S FX5UJ FX5U FX5UC

These instructions handle the device number of (s) and (d) with digit specification as octal numbers, and transfer data.

Ladder diagram	Structured text
	ENO:=PRUN(EN,s,d); ENO:=PRUNP(EN,s,d);

FBD/LD



Setting data

■Descriptions, ranges, and data types

Operand	Description	Range	Data type	Data type (label)
(s)	Digit specification*1	—	16-bit signed binary	ANY16
(d)	Device number of transfer destination*1	—	16-bit signed binary	ANY16
EN	Execution condition	—	Bit	BOOL
ENO	Execution result	—	Bit	BOOL

*1 Make sure that the least significant digit of a specified device number is "0".

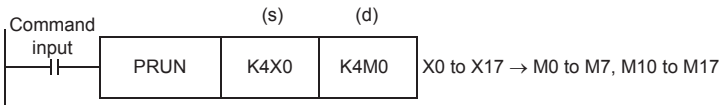
■Applicable devices

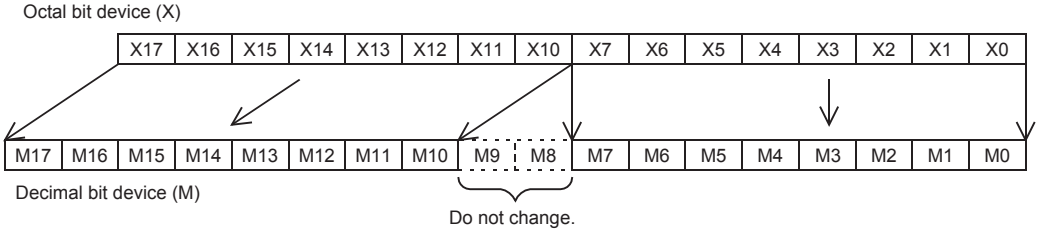
Operand	Bit	Word			Double word		Indirect specification	Constant			Others
	X, Y, M, L, SM, F, B, SB, S	T, ST, C, D, W, SD, SW, R	U□\G□	Z	LC	LZ		K, H	E	$	
(s)	○*1	—	—	—	—	—	○	—	—	—	—
(d)	○*1	—	—	—	—	—	○	—	—	—	—

*1 B, SB cannot be used.

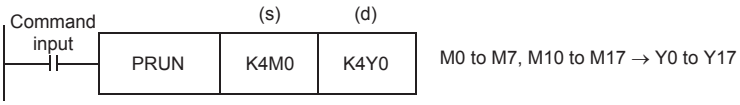
Processing details

• Octal bit device → Decimal bit device

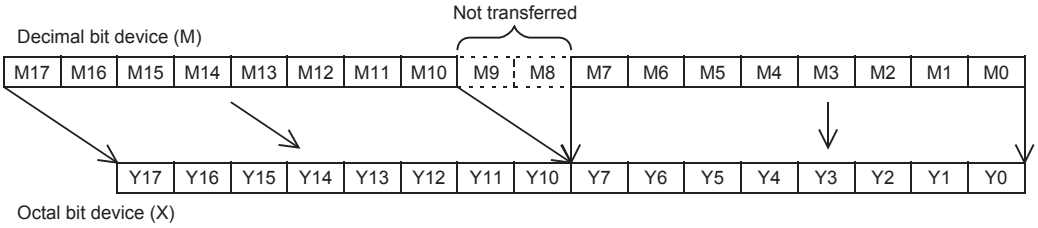




• Decimal bit device → Octal bit device



M0 to M7, M10 to M17 → Y0 to Y17



Operation error

Error code (SD0/SD8067)	Description
2820H	The devices specified by (s) and (d) exceed the range of the corresponding device.