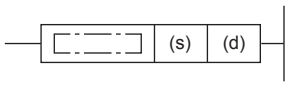
Transferring single-precision real number data

EMOV(P)/DEMOV(P)

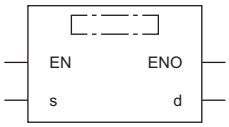
FX5S FX5UJ FX5U FX5UC

These instructions transfer the single-precision real number data stored in the device specified by (s) to the device specified by (d).

The EMOV(P) instructions can also be used as DEMOV(P).

Ladder diagram	Structured text
	ENO:=EMOV(EN,s,d); ENO:=EMOVP(EN,s,d)

FBD/LD



Setting data

■Descriptions, ranges, and data types

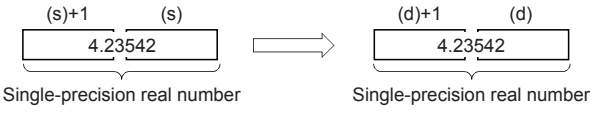
Operand	Description	Range	Data type	Data type (label)
(s)	Data to be transferred or head device number where the data to be transferred is stored	0, 2^{-126}<|(s)|<2^{128}	Single-precision real number	ANYREAL_32
(d)	Device number storing the data in transfer destination	—	Single-precision real number	ANYREAL_32
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	$	
(s)	—	○	○	—	○	—	○	—	○	—	—
(d)	—	○	○	—	○	—	○	—	—	—	—

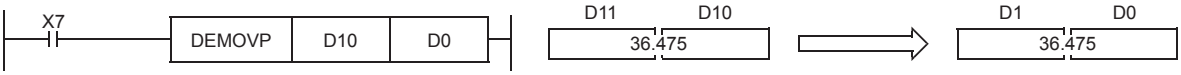
Processing details

- These instructions transfer the single-precision real number data stored in the device specified by (s) to the device specified by (d).



Program example

In the program example shown below, a single-precision real number stored in D11 and D10 is transferred to D1 and D0 when X7 turns ON.



In the program shown below, a single-precision real number "-1.23" is transferred to D11 and D10 when X7 turns ON.

Operation error

There is no operation error.