

APPLICATIONS OF Σ-SERIES PRODUCTS

3.2.2 Inputting Position Reference cont.

2) Use the following memory switch to select the reference pulse form to be used:

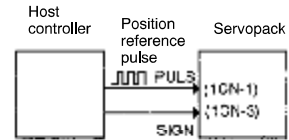
→ Input PULS	1CN-1	Reference Pulse Input	For Position Control Only
→ Input *PULS	1CN-2	Reference Pulse Input	For Position Control Only
→ Input SIGN	1CN-3	Reference Sign Input	For Position Control Only
→ Input *SIGN	1CN-4	Reference Sign Input	For Position Control Only

The motor only rotates at an angle proportional to the input pulse.

Cn-02 Bit 3	Reference Pulse Form Selection	Factory Setting: 0	For Position Control Only
Cn-02 Bit 4	Reference Pulse Form Selection	Factory Setting: 0	For Position Control Only
Cn-02 Bit 5	Reference Pulse Form Selection	Factory Setting: 0	For Position Control Only

Sets the form of a reference pulse that is externally output to the Servopack.

Sets the pulse form according to the host controller specifications.



Set also the input pulse logic in bit D of Cn-02.

Cn-02				Input Pulse Multiplier	Reference Pulse Form	Motor Forward Run Reference	Motor Reverse Run Reference
Bit D	Bit 5	Bit 4	Bit 3				
0 (Positive logic setting)	0	0	0	/	Sign + pulse train		
	0	1	0	×1	Two-phase pulse train with 90° phase difference		
	0	1	1	×2			
	1	0	0	×4			
	0	0	1	/	CW pulse + CCW pulse		