

# Device/PLC Connection Manuals

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## About the Device/PLC Connection Manuals

Prior to reading these manuals and setting up your device, be sure to read the "Important: Prior to reading the Device/PLC Connection manual" information. Also, be sure to download the "Preface for Trademark Rights, List of Units Supported, How to Read Manuals and Documentation Conventions" PDF file. Furthermore, be sure to keep all manual-related data in a safe, easy-to-find location.

## A

## Shinko Technos

## A.1

## Maximum Number of Consecutive Device Address

The following lists the maximum number of consecutive addresses that can be read by each PLC. Refer to these tables to utilize *Block Transfer*.



**Note:** When the device is setup using the methods below, the Data Communication Speed declines by the number of times the device is read.

- When consecutive addresses exceed the maximum data number range
- When an address is designated for *division*
- When device types are different

To speed up data communication, plan the tag layout in screen units, as consecutive devices. (Includes the Alarm and Trend screens.)

### ■ Controllers

<C/FC/FIR/GC/FCL/PC-900 Series>

Device	Max. No. of Consecutive Address
Dataltems	1 Word
Setting Value Memory 1 to 7	1 Word
Channel 1 to 20	1 Word *1

\*1 Although only a single word can be read at a time from a single controller, up to 20 channels can be read simulataneously.

## A.2

## Device Codes and Address Codes

Device codes and address codes are used to specify indirect addresses for the E-tags or K-tags.

The word addresses of data to be displayed are coded and stored in the word address specified by the E-tags and K-tags. (Code storage is done either by the PLC, or with T-tag and K-tags)

### ■ Controllers

<C/FC/FIR/GC/FCL/PC-900 Series>

	Device	Word Address	Device Code (HEX)	Address Code	
Word Device	Data Items	0001 ~	8000	Word Address -1	
		0401 ~	8200	Word Address -0x401	
		0801 ~	8400	Word Address -0x801	
		0C01 ~	8600	Word Address -0xC01	
		1001 ~	8800	Word Address -0x1001	
		1401 ~	8A00	Word Address -0x1401	
		1801 ~	8C00	Word Address -0x1801	
		1C01 ~	8E00	Word Address -0x1C01	
		2001 ~	9000	Word Address -0x2001	
		2401 ~	9200	Word Address -0x2401	
		2801 ~	9400	Word Address -0x2801	
		2C01 ~	9600	Word Address -0x2C01	
		3001 ~	9800	Word Address -0x3001	
		3401 ~	9A00	Word Address -0x3401	
		3801 ~	9C00	Word Address -0x3801	
		3C01 ~	9E00	Word Address -0x3C01	
		4001 ~	A000	Word Address -0x4001	
		4401 ~	A200	Word Address -0x4401	
		4801 ~	A400	Word Address -0x4801	
		4C01 ~	A600	Word Address -0x4C01	
		5001 ~	A800	Word Address -0x5001	
		5401 ~	AA00	Word Address -0x5401	
		5801 ~	AC00	Word Address -0x5801	
		5C01 ~	AE00	Word Address -0x5C01	
		6001 ~	B000	Word Address -0x6001	
		6401 ~	B200	Word Address -0x6401	
		6801 ~	B400	Word Address -0x6801	
		6C01 ~	B600	Word Address -0x6C01	
		7001 ~	B800	Word Address -0x7001	
		7401 ~	BA00	Word Address -0x7401	
		7801 ~	BC00	Word Address -0x7801	
		7C01 ~	BE00	Word Address -0x7C01	
		Setting Value Memory 1	1S0001 ~	C000	Word Address -1
		Setting Value Memory 2	2S0001 ~	C200	Word Address -1
		Setting Value Memory 3	3S0001 ~	C400	Word Address -1
		Setting Value Memory 4	4S0001 ~	C600	Word Address -1
		Setting Value Memory 5	5S0001 ~	C800	Word Address -1
		Setting Value Memory 6	6S0001 ~	CA00	Word Address -1
		Setting Value Memory 7	7S0001 ~	CC00	Word Address -1
		Channel 1	1CH01 ~	D000	Word Address -1
		Channel 2	2CH01 ~	D200	Word Address -1
		Channel 3	3CH01 ~	D400	Word Address -1
Channel 4	4CH01 ~	D600	Word Address -1		
Channel 5	5CH01 ~	D800	Word Address -1		
Channel 6	6CH01 ~	DA00	Word Address -1		
Channel 7	7CH01 ~	DC00	Word Address -1		
Channel 8	8CH01 ~	DE00	Word Address -1		
Channel 9	9CH01 ~	E000	Word Address -1		
Channel 10	10CH01 ~	E200	Word Address -1		
Channel 11	11CH01 ~	E400	Word Address -1		
Channel 12	12CH01 ~	E600	Word Address -1		
Channel 13	13CH01 ~	E800	Word Address -1		
Channel 14	14CH01 ~	EA00	Word Address -1		
Channel 15	15CH01 ~	EC00	Word Address -1		
Channel 16	16CH01 ~	EE00	Word Address -1		
Channel 17	17CH01 ~	F000	Word Address -1		
Channel 18	18CH01 ~	F200	Word Address -1		
Channel 19	19CH01 ~	F400	Word Address -1		
Channel 20	20CH01 ~	F600	Word Address -1		
LS Area	LS0000 ~	4000	Word Address		