

Device/PLC Connection Manuals



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.

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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

<TTM Series>

Device	Max. No. of Consecutive Addresses
00_	1 word
10_	
100_	
110_	
120_	
300_	
1020_	
Step Temperature Setting SSV	
Final Step Setting END	
Step time Setting STI	
Final Step Finish Condition Setting SOK	
Step Wait Zone SWZ	
Step Wait Time SWT	
Time Signal ON Time SON	
Time Signal OFF Time SOF	
Execution Time SRN	
End Signal ON Time SEO	

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

<TTM Series>

	Device	Word Address	Device Code (HEX)	Address Code
Word Device	00_	00_0000 ~ 0075	8000	Word Address
	10_	10_0000 ~ 0025	B000	Word Address
	100_	100_0000 ~ 0032	B200	Word Address
	110_	110_0000 ~ 0041	8200	Word Address
	120_	120_0000 ~ 0043	8400	Word Address
	300_	300_0000 ~ 0067	8600	Word Address
	1020_	1020_0000 ~ 0077	8800	Word Address
	Step Temperature Setting	SSV0000 ~ 2047	9000	Word Address
	Final Step Setting	END0000 ~ 2047	9200	Word Address
	Step time Setting	STI0000 ~ 2047	9400	Word Address
	Final Step Finish Condition Setting	SOK0000 ~ 2047	9600	Word Address
	Step Wait Zone	SWZ0000 ~ 2047	9800	Word Address
	Step Wait Time	SWT0000 ~ 2047	A000	Word Address
	Time Signal ON Time	SON0000 ~ 2047	A200	Word Address
	Time Signal OFF Time	SOF0000 ~ 2047	A400	Word Address
	Execution Time	SRN0000 ~ 2000	A600	Word Address
	End Signal ON Time	SEO0000 ~ 2000	A800	Word Address
LS area	LS0000 ~	4000	Word Address	