Pro-face

Digital
Human Machine Interface

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.

A ▶ Yamatake

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

Device	Max. No. of Consecutive Address
Data	5 Words

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

	Device	Word Address	Device Code (HEX)	Address Code
W o r d D e v i c e	Data	0000 ~	8000	Word Address
		1000 ~	8200	Word Address-1000
		2000 ~	8400	Word Address-2000
		3000 ~	8600	Word Address-3000
		4000 ~	8800	Word Address-4000
		5000 ~	9000	Word Address-5000
		6000 ~	9200	Word Address-6000
		7000 ~	9400	Word Address-7000
		8000 ~	9600	Word Address-8000
	LS Area	LS0000 ~	4000	Word Address

Only unit No. 1 is available.