

# 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****JT Engineering Inc.****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.)

### ■ Analyzer

< JE-70 Series >

Device	Max. No. of consecutive Address
Status Error and Error (M)	32 Words
Current Value (D)	64 Words
Common Constant, Recipe Constant, Station-specific Data, Filter Constant, and Compensation Parameter (R)	64 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)

**Analyzer**

<JE-70 Series>

	Device	Word Address	Device code	Address code
Bit Device	Status error	M0000~	9000	Word address/16
	Error			
Word Device	Current value	D0000~	0000	Word address
	Recipe	R0000~	5800	
	Common constant			
	constant			
	Equipment-specific data			
	Filter constant			
Correction parameter	LS0000 ~	4000		
LS Area				