General Specifications

Model VJ77
PC-based Parameters
Setting Tool

JUXTA

GS 77J01J77-01E

■ General

The VJ77 PC-based Parameters Setting Tool is a software package for setting various parameters and programs of the microcomputer-based JUXTA series signal conditioner and computing unit on a PC.

■ Model and Suffix Codes

VJ77- □ 10

Model ————————————————
Language ————————————————
  J: Japanese
  E: English

■ Function

• Parameter setting

This function enables settings and modification of various parameters of microcomputer-based JUXTA, including input type, input range, output range, and burnout.

• Program setting

This function enables programming of the microcomputer-based JUXTA computing unit (programmable).

• Collective reading & writing data

This function allows the parameters and programs on the microcomputer-based JUXTA to be collectively read and then written to the JUXTA.

• File management

This function allows the programs made with this tool, and the parameters and programs read from the JUXTA to be saved on a PC's hard disk or other media.

• Data printing

This function enables the printing out of programs made with this tool and the reading of parameters and programs from the JUXTA by a printer.

• Monitoring

This function enables the monitoring of inputs to and outputs from the microcomputer-based JUXTA and the results of self-diagnosis.

• Calibration

This function enables calibration of the microcomputer-based JUXTA's input/outputs.

■ Operating Environment

PC: IBM PC/AT compatible models
OS: Windows 95, Windows 98, or Windows NT4.0 (service pack 3 or later)
CPU: Pentium 90 MHz or higher is recommended
Main memory:
              For Windows 95 or 98: At least 16 MB is recommended
              For Windows NT4.0: At least 24 MB is recommended
Hard disk: At least 6 MB for tool program and 2 MB for user files
CRT: 800×600 pixels or better
              Font: Small font
              Color: 256 colors or more
RS-232C communication port: At least 1 channel with 9-pin D-sub connector
3.5-inch FDD: At least one
Printer: Supports printing of JIS A4 size for Windows 95, 98, or NT4.0

Dedicated adapter:
  Power supply: Supplied from DTR, RTS, DCD, DSR, and CTS pins on the RS-232C communication port.
    Specifications of external power source:
      Should comply with EIAJ RC-5320A
      Input ratings: 8V DC/150mA
  Insulation resistance: Minimum of 100 MΩ/500 V DC between RS-232C communication port and the JUXTA connection sides
  Withstand voltage: 500 V AC/minute between RS-232C communication port and the JUXTA connection sides
  Ambient temperature: 0 to 50℃
  Ambient humidity: 5 to 90% RH (no condensation)
  Transportation & storage conditions: –40 to 70℃, 5 to 95% RH (no condensation)
  Waterproof & dustproof construction: Not applicable

■ EMC Standards

The followings will be acquired.
Conforms to the following EMC standards.
EN55011:1991 Class A Group 1 for EMI(emissions)
EN50082-2:1995 for EMS (immunity)

YOKOGAWA ◆

Yokogawa M&C Corporation

■ Connection between PC and JUXTA:

Modular-jack conversion adapter (E9786WH)

JUXTA communication cable (F9182ED or F9182EE)
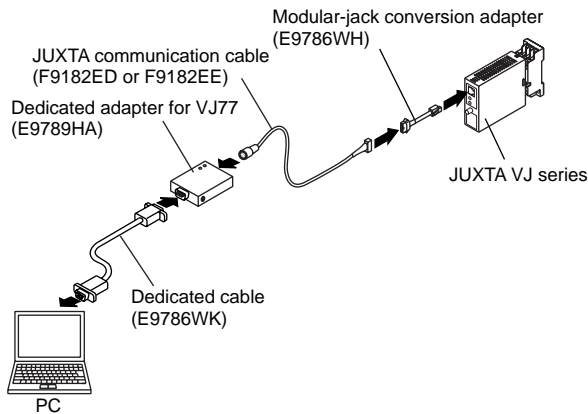
Dedicated adapter for VJ77 (E9789HA)

JUXTA VJ series

Dedicated cable (E9786WK)

PC

• **Instrument combination when communicating with JUXTA D series**

PC, dedicated cable (E9786WK), dedicated adapter (E9789HA), and JUXTA communication cable with 5-pin connectors (F9182EE)

• **Instrument combination when communicating with JUXTA VJ series**

PC, dedicated cable (E9786WK), dedicated adapter (E9789HA), JUXTA communication cable with 5-pin connectors (F9182EE), and modular-jack conversion adapter (E9786WH)

• **Instrument combination when communicating with other JUXTA series**

PC, dedicated cable (E9786WK), dedicated adapter (E9789HA), and JUXTA communication cable with 3-pin connectors (F9182ED)

■ Package contents

Media:
  3.5-inch 2HD 1.44-MB floppy disk: 3 pcs.
Dedicated adapter (E9789HA): 1
Dedicated cable (9-pin D-sub female (both ends) straight: E9786WK): 1
JUXTA communication cable with 3-pin connectors (F9182ED): 1
JUXTA communication cable with 5-pin connectors (F9182EE): 1
Modular jack conversion adapter (E9786WH): 1
Instruction manual (IM 77J01J77-01E): 1

■ Items to Specify When Ordering

  • **Model and suffix codes**

■ External Dimensions of Dedicated Adapter

Unit : mm

71
(6.5) 54.8 (9.7)
JUXTA communication cable
28.4
60 56.5
Dedicated cable
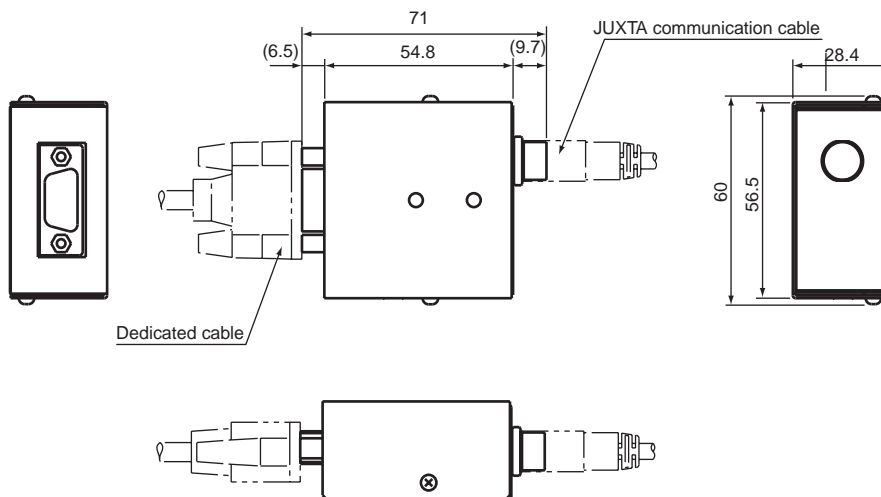
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