

General Specifications

Model YVP20S YVP Management Software

ValveNavi

GS 21B04C50-01E

[Release: R2.32. 0/2]

ValveNavi, YVP Management Software, is the software package offering a variety of functions to help users to easily set up and tune the YVP110 Advanced Valve Positioner. Instead of using a generally available parameter setting tool, users can do the same work and other complementary tasks easily and efficiently with ValveNavi. The trend function allows users to confirm the status of the valve as specified by tuning parameters. ValveNavi provides the interface to fully utilize YVP110's Signature functions which measure the characteristic of a valve and a positioner for diagnostic purpose, and thus plays a key role at maintenance.

This software works in the Windows environment, connected to a YVP110 device via Fieldbus. It is necessary that PC is accessible to the Fieldbus network.

OPERATIONAL CONDITIONS

Personal Computer

Machine:

IBM PC/AT compatible

CPU:

Intel Pentium 166MHz processor or faster

Main Memory:

64MB or more

Hard Disk Drive:

500MB or more (free space)

CD-ROM Drive:

A 10x speed CD-ROM drive compatible with the operating system of the computer

Display:

A display compatible with the operating system of the computer having a resolution of 800 x 600 and supporting 256 colors

Operating System:

Windows XP SP2, 3
Windows Vista SP1, 2
Windows 7

Language:

English or Japanese

Fieldbus Communication Interface

Interface Board (NATIONAL INSTRUMENTS):

PCMCIA-FBUS
PCMCIA-FBUS/2
AT-FBUS
AT-FBUS/2
USB-8486

Driver:

In case of ValveNavi R2.32.0

OS	NI-FBUS			
	3.0 to 3.2	3.2.1	4.0	4.0.1
XP	✓	✓	N/A	N/A
Vista	N/A	✓	N/A	N/A

In case of ValveNavi R2.32.2

OS	NI-FBUS			
	3.0 to 3.2	3.2.1	4.0	4.0.1
XP	N/A	N/A	✓	✓
Vista	N/A	N/A	✓	✓
7 (32bit)	N/A	N/A	✓	✓
7 (64bit)	N/A	N/A	N/A	✓

SPECIFICATIONS

Applicable Models

YVP110 Advanced Valve Positioner

Media of supply

CD-R (Windows-compatible)

Language

English

FUNCTIONAL SPECIFICATIONS

Setup Wizard

Procedures which are required for an initial setup of a YVP and a valve can be done step by step by following the instructions shown on the screen.

Configuration

Parameters related to the setup of YVP110 are shown and can be changed.

Calibration

Tuning related parameters are shown and can be changed such as executing auto-tuning.

Trend Monitor

The trend data of position setpoints and readback signals are shown in a chart style. The trend can be continued for 12 hours in maximum. The chart can be saved onto a PC.

Diagnosis

Diagnostic parameters, such as valve operating status and valve characteristics, are shown. User interface for Signature functions is provided to measure, display, and save the characteristic data of a valve and a positioner.

Download

Downloading the configuration data onto the device.
Uploading the data from the device to PC.

Open/Save File

Saving and opening the configuration data.

● **Query Device**

The function allows users to access the parameters of each function block directly.

● **Report**

The list of setting data is exported in HTML or text file format.

■ **MODEL AND SUFFIX CODES**

Model	Suffix Codes	Description
YVP20S	YVP Management Software
Language	-E	English
—	0	Always "0"
—	0	Always "0"

<**RELATED INSTRUMENTS**>

YVP110 Advanced Valve Positioner: GS 21B04C01-01E

<**TRADEMARKS**>

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