27.3   Monitoring Device Values

27.3.1   Monitoring Devices

This feature allows you to display the whole current device values sequentially starting with the specified device address.
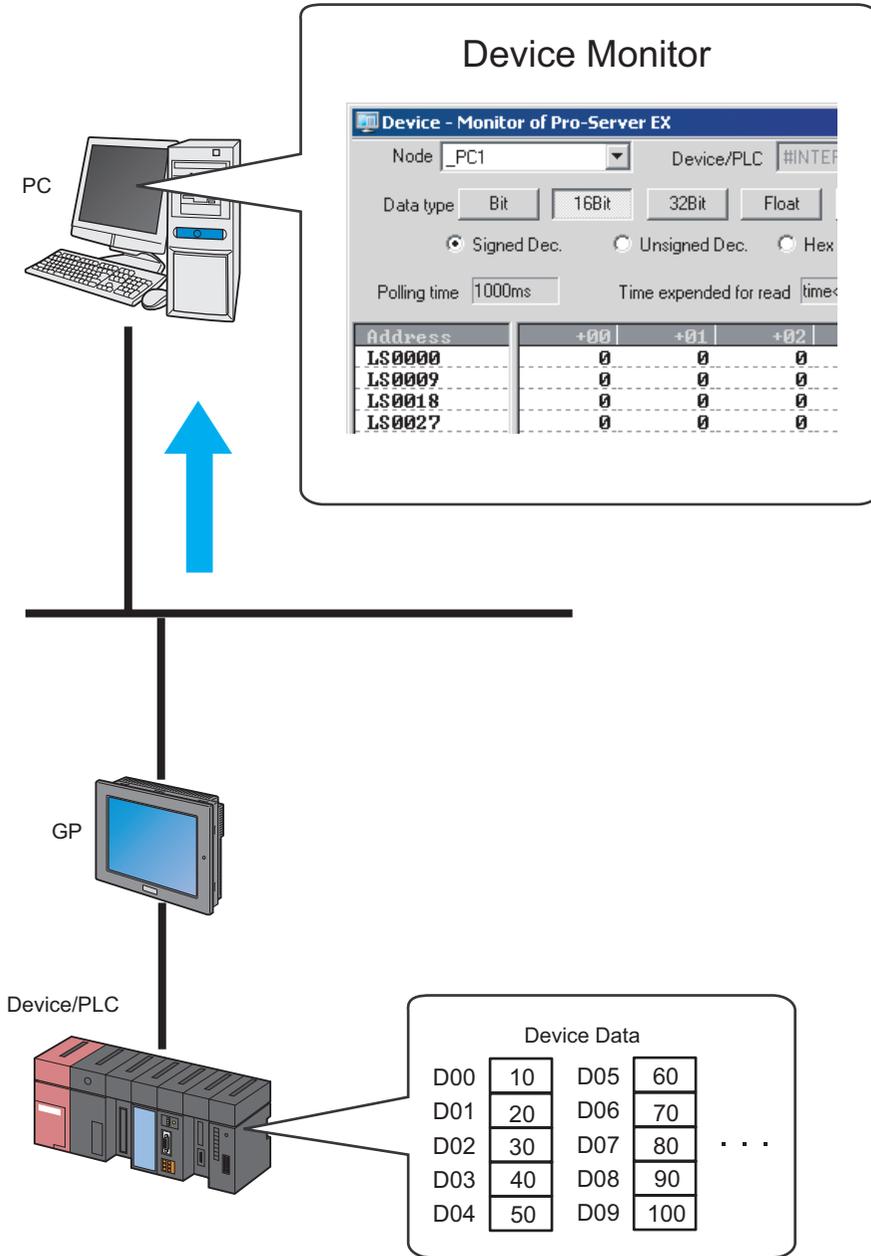
1 Click the [Status Monitoring] icon on the status bar.

The status monitor screen appears to indicate the ongoing status of 'Pro-Server EX'.
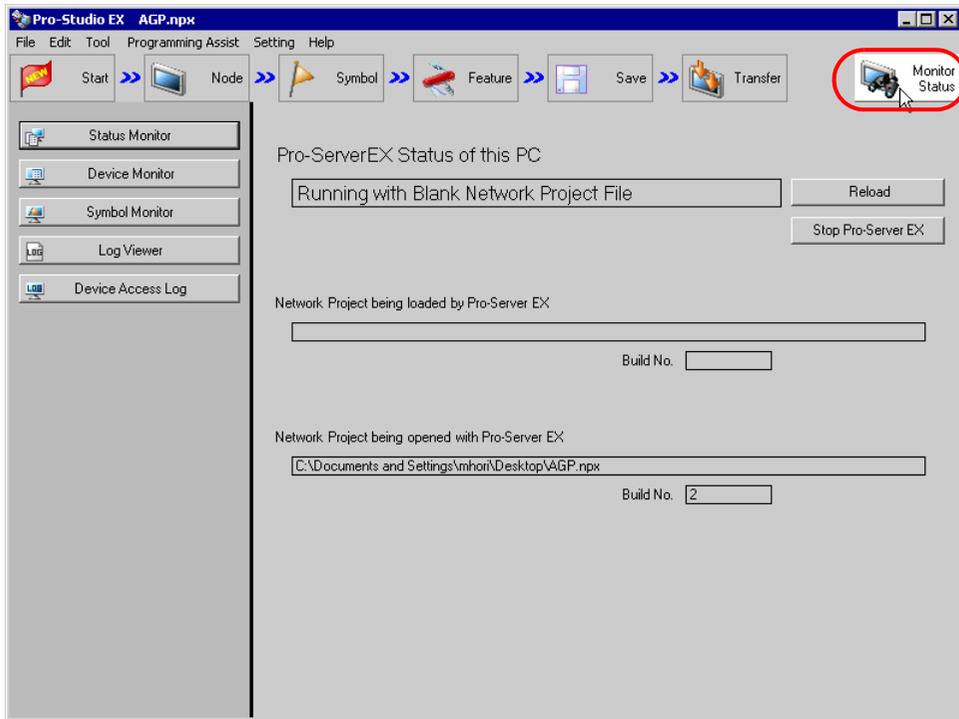
| NOTE | • To perform device monitoring, 'Pro-Server EX' should be operating. When 'Pro-Server EX' is under suspension, click the [Start Pro-Server EX] button to start the operation. |
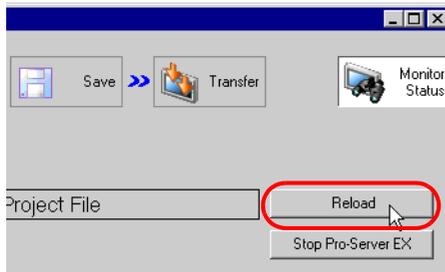
2 Click the [Device Monitor] button.
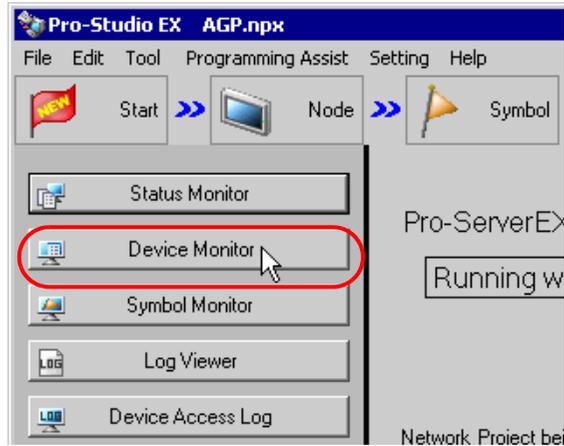
NOTE • Refer to "27.2.3 Displayed Messages" for details about the messages displayed when starting the device monitor.

The device monitor screen appears.

3 Click the list button of [Entry Node] and select a node having a monitoring device.

4 Click the list button of [Device/PLC] and select a Device/PLC having a monitoring device.
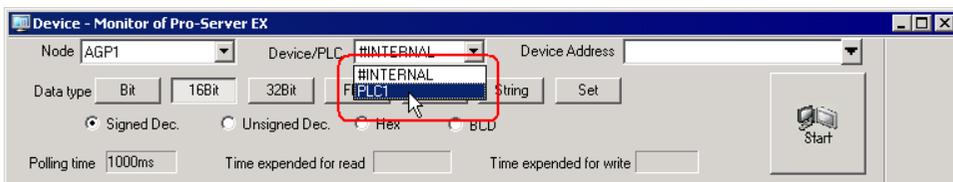
5 Input directly the address of the monitoring device in [Device], or click the list button to select the symbol.
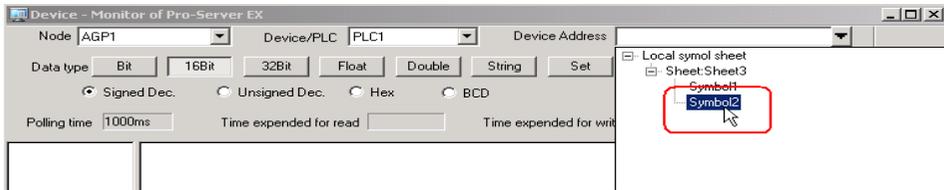
6 Select the data type and format to be displayed and click the [Start] button.
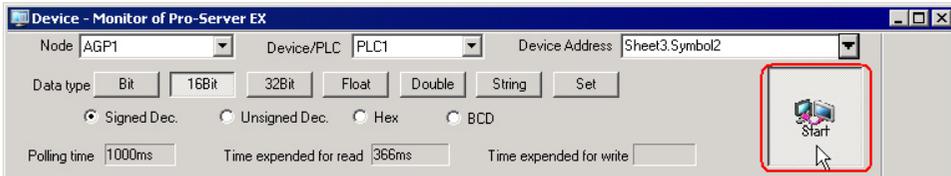
Device values are displayed according to the screen size with the specified device address (symbol) at the top.

Address	+00	+01	+02	+03	+04	+05	+06	+07	+08
DM0050	60	70	80	90	100	105	1	1	1
DM0059	1	0	0	0	0	0	0	0	0
DM0068	0	0	100	200	300	0	0	0	0
DM0077	0	0	0	23	223	521	345	0	0
DM0086	0	0	0	0	23	223	521	345	0
DM0095	0	0	0	0	0	133	149	0	69
DM0104	96	0	0	0	0	0	142	23	23
DM0113	23	0	0	0	0	0	0	0	0
DM0122	0	0	0	0	0	35	0	0	0
DM0131	0	0	0	0	0	0	0	0	0
DM0140	0	0	0	0	0	0	0	0	0
DM0149	0	6	6	36	22	45	0	0	0
DM0158	0	0	0	0	0	0	0	0	0
DM0167	0	0	0	0	0	0	0	0	0
DM0176	0	0	0	0	0	0	0	0	0
DM0185	0	0	0	0	0	0	0	0	0
DM0194	0	0	0	0	0	0	17	13	18

NOTE • Data type and format can be changed while device values are displayed.

Refer to "27.3.3 Setting Guide" for more details about the screen.

27.3.2 Writing Device Data

This feature allows you to write device data on the device monitor screen.

1 On the device monitor screen, double-click the device to write data in.

The device data write screen appears.

2 Enter a value in the text box, and press the ENTER key to fix the value.

After pressing it, the write screen switches to that of the next device for continuous writing.

| NOTE | • Click the [Address Hold] button to continue to write data to the same device. |

• To write data collectively to sequential devices, separate each value with a space when entering values.

Data of input number will be written into the device.

(Example) If you enter "1 2 3", then "1", "2" and "3" are written to the sequential devices.

• Enclose a character string using the bracket [ ] to specify the characters with hexadecimal code.

(Example) abc[0D] is handled equally as 0x61,0x62,0x63,0x0D specified in binary code.

To specify [, enclose [[] and [in [ ].