

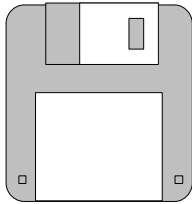
Defaults

Each I/O module has default values associated with it. At default, each module will generate inputs/status and expect outputs/configuration.

Module Defaults for:		Adapter Defaults		Optimal Sizes	
Catalog Number	Description	Input Default	Output Default	Input Default	Output Default
1794-IB16	16-pt 24V dc Sink Input	1	1	1	0
1794-OB16	16-pt 24V dc Source Output	1	1	0	1
1794-IA8	8-pt 120V ac Input	1	1	1	0
1794-OA8	8-pt 120V ac Output	1	1	0	1
1794-IB8S	8-pt 24V dc Sensor Input	1	1	1	0
1794-OW8	8-pt Relay Output	1	1	0	1
1794-IE8	8-pt Analog Input	9	6	8	0
1794-OE4	4-pt Analog Output	1	14	0	4
1794-IE4XOE2	4 in/2 out Analog Combo	5	10	4	2
1794-IR8	8-pt RTD Analog Input	11	4	10	0
1794-IT8	8-pt Thermocouple Input	11	4	10	0
1203-FM1	SCANport Module	6	5	4	3

The default values reflect the maximum number of read/write words.

You can change the I/O data size for a module by reducing the number of words mapped into the adapter module, as shown in optimal sizes.



PROFIBUS Manager Software
Catalog Number 1785-PFBMGR

Optimal sizes are the settings that provide optimal data to and from the I/O module. You need a software configuration tool to change the size. If you are using the Allen-Bradley 1785-PFB/B coprocessor as a master, you must use the Allen-Bradley PROFIBUS Manager Software configuration tool. Since the FLEX I/O adapter is compatible with any master, you can use any comparable configuration tool available on the market.

The optimal settings provide the fastest network time by only mapping read and write words used by the I/O modules. If you reduce your data sizes to only include optimal data, you can only change your configuration data with a software tool. If you need to change configuration information on an optimal basis, your data size must be large enough to include the necessary words.

If you are using PROFIBUS Manager Software to configure your adapter, refer to your PROFIBUS Manager Software User Manual, publication 1785-6.5.20 for more information.



More Information...

For additional information on FLEX I/O modules, refer to the following publications.

Module Description	Catalog Number	Installation Instructions	User Manual
16 Sink Input Module	1794-IB16	1794-5.4	
16 Source Output Module	1794-OB16	1794-5.3	
8 Sensor Input Module	1794-IB8S	1794-5.7	
8 Input Module	1794-IA8	1794-5.9	
8 Output Module	1794-OA8	1794-5.10	
8 Relay Output Module	1794-OW8	1794-5.19	
8 Input Analog Module	1794-IE8	1794-5.6	1794-6.5.2
4 Output Analog Module	1794-OE4	1794-5.5	
4 in/2 out Analog Combo Module	1794-IE4XOE2	1794-5.15	
8 RTD Input Analog Module	1794-IR8	1794-5.22	1794-6.5.4
8 Thermocouple Input Module	1794-IT8	1794-5.21	1794-6.5.7
SCANport Module	1203-FM1	1203-5.8	