

FNI MPL-106-009-K54 (009B53)

IP20 Module User Manual





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1 Notes	
1.1. Manual structure	1.1This manual is organized by organization, so the chapters are
	interconnected.
	Section 2: Basic Security Information.
	Chapter 3: Getting Started Guide
	Chapter 4: Technical Data
1.2. Typography	The following typographic conventions are used in this manual.
	Enumerate The enumeration is displayed as a list with bullets.
	• Headword 1
	• Headword 2
Action	Action descriptions are represented by a front triangle.
	he res lt of the action is represented by an arrow.
	Action description 1
	Action result
	Action description 2
	Step programs can also be displayed numerically in parent eses.
	(1) Step1
	(2) Step2
Grammar number:	
	Decimal numbers are displayed without additional indicator
	s (eg 123)
	Hexadecimal numbers are displayed with an additional indi
	ator hex (eg: 00hex) or with the prefix "OX" (eg: 0x00)
Cross reference	
	Cross-references indicate where to find additional inform
	tion on this topic.
1.3.Symbol -	
·	Notes
	This symbol indicates a general comment.
	Notice!!
	This symbol indicates the most important safety notice.



1.3. Acronym	FNI	FAS network interface
	Ι	Standard input port
	PN	Profinet
	ECT	EtherCAT
	CCIEBS	CC-Link IE Field Basic Slave
	EIP	Ethernet/IP
	EMC	Electromagnetic Compatibility
	FE	Functional ground
	0	Standard output port
1.5. Viewing angle deviation		Product views and explanations in this manual m
		ay deviate from the actual product. They are on
		ly used left and right to explain the material.

2 Safety

2.1.Expected usage	This manual describes as a decentralized input and output module for connection to an industrial network.
2.2. Install and start	Precautions! Installation and start-up should only be carried out by trained an d specialized personnel. A qualified individual is one who is famili ar with the installation and operation of the product and has the necessary qualifications to do so. Any damage caused by unautho rized operation or illegal and improper use is not covered by the manufacturer's warranty. Equipment operators are responsible for e nsuring compliance with appropriate safety and accident preventio n regulations.
2.3. General security Notes	 Debug and check Before debugging, you should read the contents of the user manu al carefully. The system cannot be used in applications where the safety of pe sonnel depends on the functionality of the equipment. intended use The manufacturer's warranty coverage and limited liability statement do not cover damage caused by: Unauthorized tampering Improper use Handling, installation and operation that do not conform to the instructions provided in the user manual Owner/Operator Obligations This device is an EMC Class A compliant product. This device gen



	era	ates RF noise.		
	Th	e owner/operator must take proper precautions when using thi		
	eq	uipment. This device can only use		
	Us	e a power supply compatible with this equipment, and connect		
	on	pproved cables.		
	Fai	ılt		
	lf ior pro Int alle	the defect or equipment failure cannot be corrected, the operat of the equipment must be stopped in order to otected from possible damage caused by unauthorized use. ended use can only be ensured when the enclosure is fully inst ed.		
2.4.	 Corrosion resista	nce Precautions!		
		FNI modules generally have good chemical and oil resi stance characteristics. When used in aggressive media (e.g. high concentrations of chemicals, oils, lubric ants and coolants (i.e. very low water content)), the se media must be checked before the corresponding app lication material compatibility confirm. If the modul e fails or is damaged due to this corrosive medium, n o claim for defects can be claimed.		
	Dangerous voltage	Precautions! Disconnect all power sources before using the equipment!		
3	Getting Started Gu			

3.1. Module overview



3.1. 模块综述



- 1 Power port
- 2 Network output port
- 3 DIP switch
- 4 Network input port
- 5 module status LED
- 6 signal status LED

- 7 Sensor Actuator Power Supply+24V
- 8 1-16 signal interface
- $9 \qquad {\rm Sensor \ Actuator \ Power \ Supply \ } 0V$
- 10 Sensor Actuator Power Supply+24V
- 11 17-32 signal interface
- 12 Sensor Actuator Power Supply 0V



Module Status Indicator

LED	display	Function		
		White:CIEBS protocol		
PT	always on	Orange: PN protocol		
		Green: EIP protocol		
	green always on	Device (IN) connected to Ethernet		
L/A1	flashing yellow light	Device (IN) sends/receives Ethernet frames		
	OFF	Device (IN) is not connected to ethernet		
	green always on	Device (OUT) connected to Ethernet		
L/A2	flashing yellow light	Device (OUT) sends/receives Ethernet frames		
	OFF	Device (OUT) is not connected to ethernet		
green Input voltage is normal		Input voltage is normal		
0.5	flashing red light	Low input voltage (< 18 V)		
	green	The output voltage is normal		
UA	flashing red light	Low output voltage (< 18 V)		
	red always on	No output voltage present (< 11 V)		

CIEBS protocol	Display	Function
	green light off	module not connected
X1	green light flashing2.5HZ	Module isn't communicating
	green light flashing 1HZ	module is not configured
	green always on	Running: The device is running
X2	Off	module works fine
	red light always on	communication error

PN protocol	protocol Display	
	OFF	work normally
X1	Flashing red light 1HZ	bus start
	red light always on	system error
	OFF	work normally
X2	Flashing red light 1HZ 2HZ	no data exchange
	red light always on	No configuration; or slow physical link; or no physical link



EIP protocol	Display	Function
	green light always on	Working status: the equipment is running normally
	green light flashing 1HZ	Standby: the device is not configured
X1	Flashing alternately between green and red	Self-test: The device is running a power-on test.
	flashing red 1HZ	Recoverable faults:
	red light always on	unrecoverable failure
	OFF	US No input voltage
	green light always on	connected
	green light flashing 1HZ	disconnected
X2	Alternate flashing between green and red	Self-test: The device is running a power-on test.
	flashing red light 1HZ	Connection timed out
	red light always on	IP repeat::
	OFF	US No input voltage or no IP address



3.1 guide

- 3.2. mechanical connection3. The module is installed with 4 M4 bolts or DIN35 rail clips.
- 3. Electrical connections

3.3.1





)	Pin	Pin	
	1	Tx+	send data+
	2	Rx+	receive data-
	3	Tx-	send data+
	4	Rx-	receive data-

illustrate:

Unused I/O port sockets must be covered with end caps to meet the

IP67 degree of protection. Power port (A-code) 3.3.2

	Pin		Pin
\bigcirc^3	1	UA	Actuator Power(BR)
$\bigcirc^4 \bigcirc^2$	2	GND	Actuator Gnd(WH)
	3	US	Bus Power(BU)
	4	GND	Bus Gnd(BK)

1. It is recommended to provide Bus power and Actuator power separately. illustrate: 2. The total current of the Actuator power supply is <4A, and the total

current of the Bus power supply is $\langle 1A;$

3. The FE connection from the case to the machine must be low impedance and kept as short as possible.

3.3.3 Signal port (screw free spring type terminal block)



illustrate

1. Input and output signal types support: three-wire PNP, two-wire PNP, dry contact;

2、 Pin +24V single output current maximum 350mA. The total current of the module is <4A;

3. The total current of each 8 channels $(1^8, 9^16, 17^24, 25^32)$ is <1A;



4 Technical data

4.1. Size







4.2 mechanical data

Shell material	Aluminum shell
Shell rating conforms to IEC 60529	IP54
power interface	A-Code
input port/output port	M12, A-Code(8*femlae)
Size(W*H*D)	136.5mm*92mm*52.7mm
installation type	Screw fixing or DIN35 guide rail snap-or
Weight	about 670g

4.3. Operating conditions

operating temperature	-5° C ~ 80° C
storage temperature	-25°C ~ 85°C

4.4. electrical data

voltage	18~30V DC, symbol EN61131-2
voltage fluctuation	<1%
Operating current at supply voltage 24V	<130mA

4.5 network port

Poet	2 x 10Base-/100Base-Tx
port connection	M12, D-Code
IEEE 802.3 Compliant Cable Type	Shielded twisted pair, min. STP CAT 5/STP CAT 5e
data transfer rate	10/100 M bit/s
cable length	100m
flow control	half working condition/full working condition(IEEE 802.3-PAUSE)



5 integrated

5.1 Module dial code and IP address configuration

5.1.1 reset

 $1. {\rm powered}$ off the device , dial 900

2. Power on the device and wait for 10 seconds;

- 3. The device is powered off, dial the code to the state before setting
- 4.Power on the device and restore the factory state

5.1.2 Protocol switching settings

1.powered off the device, dial 900;

2. Power on the device and wait for 10 seconds;

 $3. {\rm powered}$ off the device, dial X100 when the become $0{\sim}2$, protocol is EIP; X10 and X1 are IP address.

When dial X100 is 3, the protocol is PN; X10 and X1 are 0 When the dial X100 is 5^{7} , the protocol is CIEBS; X10 and X1 are IP

addresses.

4. The device is powered on, and the protocol switching and IP setting are automatically completed;

5.1.3 PN address configuration

1.After setting the IP address in the configuration software, assign the device name to automatically complete the IP address setting;

5.1.3 EIP address configuration

1.Address range:: 1~254;

2.Dial code range: X100 range 0~2, X10 range 0~9, X1 range 0~9;
3.The network segment is modified in the FAS_PCT software, see the software instruction for details;

4. The default network segment is 192.168.1.xxx, and the network segment can be modified in the FAS_PCT software. For details, please refer to the software instruction; for example::

5.1.4 CIEBS address configuration Dial: X100=1, X10=2, X1=5When the default network segment, the IP is 192.168.125 After adjusting the dial code, it needs to be powered on again;

1.address range: 1~254;

2.Dial code range: X100 range 5~7, X10 range 0~9, X1 range 0~9; 3.The dial value minus 500 is the actual address;

4.The default network segment is 192.168.3.xxx, and the network segment can be modified in the FAS_PCT software. For details, see the software instruction manual;

example: Dial code: When X100=7, X10=2, X1=5 default network segment, the IP is 192.168.225. After the dial code is adjusted, it needs to be powered on again;



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5.2 data mapping

EIP Cor	nmunication proto	col Proce	ess input	data					
				Func	tional desc	cription			
Bit	Function Description	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0
0	1~8 signal input 0=disconnect, 1=connector	8th way	7th way	6th way	5th way	4th way	3th way	2th way	1th way
1	9~16 signal input 0=disconnect, 1=connector	16th way	15th way	14th way	13th way	12th way	11th way	10th way	9th way
2	16~24 signal input O=disconnect, l=connector	24th way	23th way	22th way	21th way	20th way	19th way	18th way	17th way
3	25~32 signal input O=disconnect, l=connector	32 th way	31th way	30th way	29th way	28th way	27th way	26th way	25 th way
4	module status			US 过压	UA over voltage	Operating temperatur	US ^e Under voltage	UA Under voltage	US over voltage
EIP Co	mmunication proto	col Proce	ess input	data					
Dit				Func	ctional desc	cription			
BIt	Function Description	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0
0	1~8 signal output O=disconnect, l=connector	8th way	7th way	6th way	5th way	4th way	3th way	2th way	1th way
1	9~16 signal output O=disconnect, l=connector	16th way	15th way	14th way	13th way	12th way	11th way	10th way	9 th way
2	16~24 signal output 0=disconnect, l=connector	24th way	23th way	22th way	21th way	20th way	19th way	18 th way	17th way
3	25~32 signal output 0=disconnect, 1=connector	32th way	31th way	30th way	29th way	28th way	27th way	26th way	25th way



PROFINE	「通讯协议 过程相	金测数据							
				Fı	unctional	descrip	tion		
module	status description	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	BitO
Device Status	module status			US overvolt	uA t overvolta	Operatin tempera ge re	g US ^{tu} Under	UA Undervo	
PROFINE	F Communication	n protocol process output data		·	voltage				
				Fu	unctional	descrip	tion		
子节	Function Description	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	BitO
0	Standardoutput 01-08	8th wa	y 7th wa	ay 6th way	5th way	7 4th way	y 3th way	7 2 th way	7 1th way
1Standardoutput 09-162Standardoutput 17-24		16th wa	uy 15th wa	ay 14th wa	uy 13th wa	ay 12th wa	ay 11th wa	y 10th wa	y 9th way
2	1Standardoutput 09-162Standardoutput 17-243Standardoutput 25-32		ıy 23th wa	ay 22 th wa	uy 21th wa	ay 20th wa	ay 19th wa	y 18th wa	y 17th way
3	Standardoutput 25-32	32 th wa	ıy 31th wa	ay 30th wa	ly 29th wa	ay 28 th wa	ay 27th wa	y 26th wa	y 25 th way
PROFINE	r Communication	protocol	process	output	data	I	1	J	
D. (Function	1	1	Fu	unctional	descript	tion		
Bit	Description	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	BitO
0	Standardinput 01-08	8th way	7th way	6th way	5 th way	4 th way	3th way	2th way	1th way
1	Standardinput 9-16	16th way	15th way	14th way	13th way	12th way	11th way	10th way	9th way
2	Standardinput 17-24	24 way	23th way	y 22th way	21th way	20th way	19th way	18th way	17th way
3	Standardinput 25-32	32 way	31th way	y 30th way	29 th way	28th way	27 th way	26 th way	25 th way



CIEBS Protocol

RY 64 0	000 000	3F 😝	指定转	次元 〜 ¥	~	64	100	177
RY area								
CIEBS Communication pro	tocol pro	cess inpu	ut data					
			Function	al descr	iption			
Function Description	Y107	Y106	Y105	Y104	Y103	Y102	Y101	Y100
1~8 signal output 0=disconnect , 1=connector	8 th way	7th way	6 th way	5th way	4th way	3th way	2th way	1th way
Function Description	Y117	Y116	Y115	Y114	Y113	Y112	Y111	Y110
9~16 signal output 0=disconnect, 1=connector	16th way	15th way	14th way	13 th way	12th way	11th way	10th way	9 th way
Function Description	Y127	Y126	Y125	Y124	Y123	Y122	Y121	Y120
17~24 signal output 0=disconnect, 1=connector	24 th way	23th way	22th way	21th way	20th way	19 th way	18 th way	17 th way
Function Description	Y137	Y136	Y135	Y134	Y133	Y132	Y131	Y130
25~32 signal output 0=disconnect, 1=connector	32th way	31th way	30 th way	29th way	28th way	27 th way	26 th way	25 th way

	RX	64	00000	0003F	-	指定软元 🗸 X	~	64	100	177
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RX area

CIEBS Communication prote	ocol prod	ess outp	out data					
]	Function	Descrip	tion			
Function Description	X107	X106	X105	X104	X103	X102	X101	X100
1~8 signal output D=disconnect, 1=connector	8 th way	7th way	6th way	5th way	4th way	3th way	2th way	1th way
Function Description	X117	X116	X115	X114	X113	X112	X111	X110
9~16 signal output D=disconnect, 1=connector	16 th way	15th way	14th way	13 th way	12th way	11th way	10th way	9 th way
Function Description	X127	X126	X125	X124	X123	X122	X121	X120
17~24 signal output 0=disconnect, 1=connector	24th way	23 th way	22 th way	21 th way	20th way	19th way	18 th way	17th way
Function Description	X137	X136	X135	X134	X133	X132	X131	X130
24~31 signal output 0=disconnect, 1=connector	32 th way	31th way	30th way	29 th way	28th way	27 th way	26 th way	25th way



RWR area

RWr	32	00000	0001F	♦ 指	定软元 🗸 🗄	D v	32	100 131	
CIEBS Comm	unicatio	n prote	ocol prod	ess dete	ection dat	ta			
				F	unctional	descript	ion		
Function D	escripti	on D10	07 D106	D105	D104	D103	D102	D101	D100
					US overvol	UA overvolt	operating temperatu	US Tre ^{Under}	UA Under
					tage	age	-	voltage	e voltage

RWW Area not in use

5.3 PLC Integration Tutorial

5.3.3 Integration in Siemens S7-1200 Portal (PN) 1. Install GSD file

🐘 Siemens - D:\fas工作资料\fas工作资料\	PLC程序老化架程序-新项目1项目1		管理通用站描词	丞文件	10			×
项目(P) 编辑(E) 视图(V) 插入(I) 在线(O)	选项(N) 工具(T) 窗口(W) 帮助(H)		已安装的 GS	D 项目中的 GS	D			
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设备	管理通用站描述文件(GSD)(D)		导入路径的户	招	1.40.1	Law A		
	启动 Automation License Manager(A)		☑ 又件		版本	语言	状态	信息
B	🕙 显示参考文本(W)		GSDML-V2.3	4-FAS-FNI-MPL-106-0	V2.34	英语,德语	尚未安装	
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😪 📑 添加新设备								
🖳 📥 设备和网络								
▶ 🔜 未分组的设备								
▶ 📷 安全设置								
▶ 🔀 跨设备功能								
▶ 🙀 公共数据								
 文档设置 			1 mar					
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▶ 🛃 版本控制接口								
• 量 在线访问							删除	安装 取消
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2、 In PLC---Device Configuration---Network View---Hardware Catalog, select the module and drag it in, click "Unassigned", and select the PLC to be connected;

	项目树 □ ◀	项目1 > 设备和网络		-	- X			
	设备			🦉 拓扑视图 🚠 网络视图 📑 设备	视图	选项		
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	• 🕞 程序块					▶ 词 驱动器和起动器		12
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3. Double-click the module to enter the configuration,

Slot function configuration: In the hardware catalog--module, select the required data and drag it into the slot of the device overview window;





4. Assign module PN name: PLC switches to the online state, select "ungrouped device" --- click the module name --- select online and diagnosis --- function --- assign PROFINET device name --- -Select the module to be assigned in the list (should be selected according to the physical MAC)---click "Assign Name" to complete the configuration!

设备								
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5.3.2 Omron NXIP2 Sysmac Studio Integration (EIP)

1, Install the EDS file: Tools --- ETHERNET/IP connection settings --- double-click the PLC in the window --- right-click the blank space of the toolbox on the right and select "Show EDS library", click "Install" in the pop-up window, and select the EDS file Install

				_			
工程(P) 控制器(C) 機拟(S)	<u> 工具(1)</u> 登口(W) 秘密(H)				ndor OMRON Corporation Omron Adept Technologies, In Omron Microscan Systems, Inc FAS Electronics(Fujian)Co.Ltd.	e.	
1 8 4 8 5 5	田田日村(1)_ 帯件日志豊香醸_(V) EtherCAT设修/統計信息度要認_(V) 教会(8)		TB#		Install EDS File		1
) 1月(1) 2月(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21(1) 21	8668 (20080A) (20080A) (20080A) (20080) (20080) (20080)		← → ◇ ↑ ▲ → 追訳 ◆ 新建文件3 ● WPS网盘 ■ 此电路 ③ 3D 对象	此电路 > 重面 > 009B 完	×
	EtherNet/IP注接设置(N) 局动外截应用程序(L) 局定义体接键_(S) 透现(O)	① 192.148.250.1 月間thtml/wi/99日22度 NJ101			■ 紀版 ■ 開片 登文稿 ● 下號 ● 下號	FNI MPL-106-009-K 54.eds	

 $2\$ Create a module: Click "+" in the toolbox window, fill in the module IP address, model name, version, click "Add" at the bottom, and the module is created

工具箱 目标设备		
	工具箱	. 🖡
	节点地址	192.168.250.5_
	型号名称	FNI MPL-106-009-K5- V

4 Create variable associations:

(1) Programming - data - global variables to create two arrays, output 4 bytes, input 5 bytes,

The corresponding input and output should be configured in the network disclosure;





In the built-in ETHERNET/IP port setting window -- select the first icon (label) on the left --- click "Register All"

Eth	erNet/IP设计	時限度 内置日	therNet/IP論	口设置连	× 冠 2016#	#2 M	し 全局空最											-
	1	▋- 标签																
		▶ 设备信息 ▼ 标签组 标签组/最大	: 0 / 32	标签/最大:	0 / 256										全部注册	导入	导出	
			标签组名和	¥	1 位选择	E 1	大小(字节)	T	大小(位)	1	实例ID	1	控制器状态	1				

(3) In the built-in ETHERNET/IP port setting window --- select the second icon on the left (connection) --- click "+", select the previously configured module for the target device, select EXCLUSIVE Owner for the IO type, and select the corresponding input Output, the target variable must be filled with 101,100; then select the corresponding starting variable, and go online after completion. Select "Transfer to Controller", and the configuration is complete!

EtherNet/IP	设备列表	内置EtherNet/IP的	制设置连	Ⅶ 全局变量	an 内置	EtherNet/IP端口设	遺						-
-	ofa j	连接											
(1)	▼ 连接 连接/最	tt; 2 / 32					2000						
ote		目标设备	连接名称	连接 /0美型	(輸入/輸出)	目标变量	大小 字节] 起始变量	大小 字节] 连接关型	IRPI[空彩	超时值	1 1
	192.168.2	50.5 FNI MPL-106	default_001	Exclusive Owner	输入	101	5	in	▼ 5	Multi-cast con	r 50.0	RPI x 4	
					輸出	100	4	out	4	Point to Point	¢		
	•	T											
	设备	带宽											
		唐											全部返回到默认值
									传送到		从控制器	专送	比较

5.3.4 integrated in mitsubishi fx5u work2 (CCIEBS)



1. Install the CCSP file: first open GX WORKS 3-tools-configuration file management-login-CSPP file (you must close the project to import the file)

查找范围(I)	009853		💽 🔶 🖻 🔶	•
★	名称 0x3656	^	修改日期 2023/2/	27 10:36
■ 面 東 ■ 扉 此 地 戦 阿絡	0x3656_FI	NI MPL-106-009-K54_1.0.0	en.cspp 2023/2/	17 16:13
	≪ 文件名(N):	0x3656_FNI MPL-106-009-	-K54_1. 0. 0_en. c: 🔻	登录(R)
	☆供★刑(r)·	古姓的所有的终于		HIL:

2、 Click Project on the left - Parameters - FX5UCPU - Module Parameters - Ethernet Port, Basic Settings - Self Node Settings. Set self-node IP

导航	φ×	🍓 ProgPou (PRG) (局部标签设置)	🛯 ProgPou (PRG) (LD) 1# 🔒	#扶参数 以太网族日 ×		40+
·····································		设置项目——资	设置项目			
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 ▲ 大型天田宇 ▲ 大型天田宇 ● FR/FUN ■ 極 行至 ■ 型 致元件 ■ 数 分数 ● 系统参数 		▲ 近時设置 项目一齿 撤营编集	REI 地行与いてLink II現場回知avir4 以外、後生のLink II現場目知avi	Werxage。 () 「新設置自共成设置内的120地址 有質力版は(1)	设置的环境地与于网横码。 应用(k)	Ŷ
■ CPU#20		交叉参照1				
■ 創. 植块参数		(全部软元件/标签)	2 (全工税)	▼ 🛃 親國(V) • 遊颖(O) 🗙	0.938	
2. 以太河南口 2. 485年日 2. 高別/0 2. 第入明点时间 2. 第21時入	1	款元件/标签 款元件 轉配器	四符号 位置	程序文件名	数据名	Ŧ

3、Click CC-Link IEF Basic Settings - select whether to use CC-Link IEF Basic - click

□ ● 甘士汎果	一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一	255 . 255 . 255 . U
● 全半版点 白井占沿署	默认网关	192 . 168 . 3 . 1
CC-Link IEF Basic设置	通信数据代码	二进制
MODBUS/TCP设置	□ CC-Link IEF Basic设置	
对象设备连接配置设置	CC-Link IEP Basie 使用有无	不使用
出一週 应用设置	网络配置设置	不使用
	刷新设置	使用
	□ IIODBUS/TCP设置	
		at the set

4. Click CC-Link IEF Basic Settings-Select Network Configuration Settings-Detailed Settings;

— 🕑 CC-Link IEF Basio设置	—— 通信数据代码	二进制
— MODBUS/TCF设置	⊖ CC-Link IEF Besie设置	
—————————————————————————————————————	CC-Link IEP Basie 使用有无	使用
世 (風) 四用改五	—— 网络配置设置	(洋畑设置)
	刷新设置	(详细设置)
	⊖ NODBUS/TCP设置	
	— MODBNS/TCP使用有无	未使用

5. Automatic detection of connected devices - 4 stations are occupied, IP address is set with a DIP switch - reflect the settings and close



	谨擅	设备的自动检测		锑接扫描设置												
总连	韵															
	44	mi¤	240	LLak #4	BX/BY设置	BX/BY设置		NWw/RMr设置			<i>i</i> 0 v	/admi-L	TRIMIL	7 5245/71	malikul	12.87
	口刻	25	加亏	始尖型	点数	起始	结束	勴	起始	结束	组10.	1末面均	TLIGHT	于四旗的	wer 1611	注释
	0	本站	0	主站									192. 168. 3. 3	255.255.255.0		
	1	FNI MPL-106-009-E54	1	从站	64(占用1站)	0000	003F	32	0000	001F	l	无设置	192. 168. 3. 1	255.255.255.0		

6. Refresh target selection specified device-device name M-allocated device addressapply, the configuration is complete! M-分配软元件地址-应用,组态完成!

	链接侧	ıj						CPU	侧		
软元件名	点数	起始	结束		刷新目标	Ē	软元件4	名	点数	起始	结束
RX	64	00000	0003F	+	指定软元	~	x	~	64	100	177
RY	64	00000	0003F	+	指定软元	~	Ч	~	64	100	177
RWr	32	00000	0001F	+	指定软元	~	D	~	32	100	131
RWw	32	00000	0001F	+	指定软元	~	D	~	32	200	231

6 appendix

6.1. order code

Product number	order code
FNI MPL-106-009-K54	009B53