



REOVIB Control Equipment for the Vibratory Feeder Industry

MFS 268 Frequency Converter for Vibratory Feeders

Annex: PROFINET - programming



Safety Notice for the User

This description contains the required information for the intended usage of the products described herein. They are intended for use by technically qualified personnel.

Qualified personnel are those persons who, due to their training, experience and instruction, as well as their knowledge of the relevant standards, requirements, accident prevention regulations and operational conditions, are authorized by those responsible for the safety of the system to carry out their respective duties, and to recognize possible dangers and prevent them (Definition for experts according to IEC 36.4).

Danger Notices

The following notices serve to protect the personnel safety of the operators and the safety of the described products as well as the devices connected to them.



Warning!

Dangerous Voltage. Inattention can lead to death, serious injuries or damage to equipment.

- Turn off the supply power before assembly or disassembly work and when fuses are changed or equipment modifications are undertaken.
- Observe the applicable accident prevention and safety regulations for the respective application.
- Before placing the equipment in operation, check whether the rated voltage of the device is in agreement with the supply voltage.
- Emergency OFF equipment must remain effective in all operating modes. Unlocking the emergency OFF equipment must not cause an uncontrolled startup of equipment.
- The Ground lead connections must be inspected after mounting to insure that they function perfectly!

Usage According to the Regulations

The devices described herein are electrical operational equipment for application in industrial systems. They are constructed for the regulation of vibratory feeder equipment.



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1.0 General

The frequency converter for vibratory feeders REOVIB MFS 268 series can be operated with a PROFINET interface. Here, the target value for the output devices and the release of the PLC is transmitted to the controller is in "normal mode". Back to the Device Status Reported for operation / fault, the output current and in case of using the regulation mode the actual vibration (acceleration).

In a further parameter mode, the device can be fully configured via PROFINET.

For the interface an external voltage supply of 24 V DC is required.



The bus connection is made via 2 x RJ-45 Connectors.

PROFINET looks through the connection of field devices via switches only point-to-point connections (such as Ethernet), i.e. the connection between two field devices interrupted in a line, the underlying field devices are no longer accessible. Therefore, it is important to provide redundant communication paths already in plant design and deploy field devices / switches that support the concept of redundancy PROFINET. This achieves a high availability of the participants in an automation system.



Tip! For detailed information on PROFINET, refer to the PROFIBUS & PROFINET User Organization website: www.profibus.com

Delivery of the equipment belongs a corresponding XML file (GSDML file). To integrate the controls into a "STEP7" project, use the file from the specific device.



Interface module



The interface enables communication with the frequency converter, using 4 data words (i.e. 16 Bits). The four 16 Bit words are transmitted and acknowledged every bus cycle.

! Important – Data consistence is required to operate with PROFINET!!

Note:

Data consistence is defined in a Siemens S7 PLC with SFC14 and SFC15, for example



Units are factory set prior to delivery and so are configured for bus operation. If the unit is required for manual control then the parameter "CAN." in menu C 017 should be set on "0". You get back to bus operation, if you choose CAN. = $_{,1}$ ".



2.0 Interface operation

Bus Power Supply	24 V, DC, 250 mA
Bus connector	2 x RJ-45
Internal interface	CAN-Bus
Supported baud rates	100 MBaud
Communication	Data consistency required
Protocol	TCP/IP - UDP/IP
Functionality	Class B

3.0 Activate interface

For the interface version parameter "CAN" is set to "I". Then communication through the interface is possible. If manual control of the unit should be required e.g. for testing, this parameter must firstly be set back to "0" again.

Important: The parameter "Ad." must be set to "1" and the baud rate must be set to "b 1000".

Code 017



4.0 XML-File

Following XML File is required for the operation with the PROFINET interface:

XML File name:	GSDML-V2.25-Reo-REOGATE-PN-20140424.xml
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The XML-file is supplied on a CD with each new unit or alternatively, visit <u>www.reo.de</u> to download the file from the website.

5.0 Bus operating modes

Two fundamental operating modes can be chosen for bus communication.

- **Normal Operation:** Control of the frequency controller in production, in which case the Set point and ON/OFF control signals are transmitted
- Parameter Operation: Adjustment of the frequency controller for the desired operation mode and limits. In a special mode the parameter and parameter addresses are transmitted and acknowledged. In parameter operation, the unit's specific values, such as frequency, soft start time, timers and switching etc., are set.



5.1 Programming for the Bus operation

In normal operation the set point for Amplitude (throughout/feed rate) and the digital control signals, such as enable are set across the interface. The actual voltage/current values and unit status (ready or fault) are fed back. All data words are within the range 0...FFFF H. The following communication words are given in bit form.

5.1.1 Send to Controller

H-I	Byte							L-E	Byte							Word 1
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	0000 H (reserved)
H-I	3yte							L-E	Byte							Word 2
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	Set point 1, 16-Bit 100 % = FFFF H
H-I	Byte							L-E	Byte							Word 3
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	reserved
H-I	3yte							L-E	Byte							Word 4
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	
																Control - word
oit																
e													<u>e</u>			Bit = "1" = Function ON
ро													ab			
Σ													Ш			All unused bits MUST be set to `0`
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Co	ntro	l inf	orm	atio	n (ui	nit s	peci	fic)							
									,				1			·
		Г	~	N.L.		1				٦						
			0 =		rma	u op	erat	ion								Enable bit
			1 =	= Pa	ram	eter	ope	erati	on							

5.1.2 Reply from Controller

H-E	Byte							L-E	Byte							Word 1
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	xxxx H (undefined)
H-E	3yte							L-F	3yte							Word 2 (only in regulation mode)
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	Feed back actual acceleration
																16 Bit 100% = 8000H
H-E	Byte L-Byte												Word 3			
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	Feed back actual output current,
																16 Bit 100% = 8000H (in % von I-nom)
H-E	3yte							L-F	3yte							Word 4
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	
																Status - Word
																X = Not defined
Sta	itus	- Co	bde													
ER	RO	R - (Cod	е						\sim	Ē		\sim	~		Bit = "1" = Function ON
								^			0					
								Sta	atus	info	orma	atior	۱			
								Ur	iit sp	pecil	fic					
00		U	nit n	ot r	espo	ondi	ng									
A5	(H)	U	nit re	ead	у											
57	(H)	E	RRC	DR F	Peal	<								_		
58	(H)	E	RRC	DR (C										OF	F – Bit
02	(H)	E	RRC	DR (ЭL									_	Acł	knowledge
0C	(H)	E	RRC	DR A	٩CC	;								L		ő
05	(H)	E	RRC	DR (JU											
C0	(H)	A	ckno	owle	edge											
		Pa	aran	nete	er m	ode										

Status, actual acceleration and actual output current are received.



5.2 Parameter Operation

In parameter operation, the specific unit parameters can be monitored and adjusted. A `write` enable must be transmitted before parameters can be altered. On closing, the `write` enable must be cancelled.

A `read` request must be sent before data can be read.

Word 4 in the acknowledge is always `CODE H`. This indicates that the controller is in parameter mode.

5.2.1 Creating parameter addresses and values

In parameter operation the most significant bit (msb) in Word 1 is defined as a read or write bit (R/W), where 1 = write and 0 = read, this should be accompanied by the corresponding parameter address.

The mode bit (msb in Word 4) is used to select normal or parameter operation, $0 = Normal \text{ or } 1 = parameter operation.}$

Word 1:	reserved	0000 H
Word 2:	R / W – Bit + Address	e.g. 8000 H + 1009 H => 9009 H
Word 3:	Value of the parameters	e.g. 7FFF H
Word 4:	Mode bit = 1 + Control bit's	e.g. 8000 H + 0004 H => 9004 H

5.2.2 Send Write Enable

H-E	Byte							L-E	Byte							Word 1
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	0000 H (reserved)
H-E	3yte							L-E	3yte							Word 2
			С	0							D	Ε				Write Enable Address = C0DE H
H-Byte L-Byte																Word 3
			В	5							E	7				Write Enable = B5E7 H
H-E	Byte							L-E	Byte							Word 4
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	Control - Word + 8000 H
1 Mode bit	0	0	0	0	0	0	0	0	0	0	0	0	0	0		Mode Bit must be set to `1` !! All unused bits must be set to `0` Bit = `1` = Function ON
	Со	ntro	l Inf	orm	atio	n un	it sp	becif	ic		1			•		



5.2.3 Receive, Acknowledge Write Enable

H-Byte	L-Byte	Word 1
00	0E	xxxx H (undefined)
H-Byte	L-Byte	Word 2
CO	DE	CODE H
H-Byte	L-Byte	Word 3
B5	E7	B5E7 H
H-Byte	L-Byte	Word 4
CO	DE	C0DE H

The parameters can be sent after receipt of the acknowledge

5.2.4 Send Parameter

H-E	Byte							L-E	Byte							Word 1
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	0000 H (reserve)
H-E	3yte							L-E	Byte							Word 2
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	
R / W	Parameter address													Parameter address + R / W – Bit (16-Bit) = 0FFFF H		
H-E	Byte							L-E	Byte							Word 3
																Parameter value
			Х	X							XX	((16-Bit) = 0FFFF H
11 0	2.40							L_E	2140							Word 4
m-c	syle								yıe							
⊓-∎ 15	3yte 14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	
<u>⊓-</u> 15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	Control - Word + 8000H
15 15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	Control - Word + 8000H Mode must be set to `1`!!
Mode bit	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	Control - Word + 8000H Mode must be set to `1`!! All unused bits must be set to `0` Bit = `1` = Function ON
1 Mode bit	0	13 0	12 O	11 0	10 0	9	8	7	6 0	5 0	4	3	2	1	0	Control - Word + 8000H Mode must be set to `1`!! All unused bits must be set to `0` Bit = `1` = Function ON

Received acknowledge

H-Byte	L-Byte	Word 1			
00	00	xxxx H			
H-Byte	L-Byte	Word 2			
15 14 13 12 11 10 9 8	7 6 5 4 3 2 1 0				
≥ œ Parame	eter address	Acknowledge the sent address + R / W - Bit			
H-Byte	L-Byte	Word 3			
xx	xx	Acknowledge the Parameter value			
H-Byte	L-Byte	Word 4			
CO	DE	Acknowledge the Parameter mode (always "C0DE" H)			



5.2.5 Close write enable

H-I	Byte							L-E	Byte							Word 1
			0	0							0	0				0000 H
H-I	Byte							L-E	3yte							Word 2
			С	;0							D	Е				Write Enable Address = C0DE H
H-I	Byte							L-E	Byte							Word 3
			0	0							0	0				Enable Value 0000
H-I	Byte							L-E	Byte							Word 4
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	
																Control - Word + 8000 H
ij																
le t																Mode bit must be set to `1`!
ро																
Σ																All unused bits must be set to 0
-	0	0	0	0	0	0	0	0	0	0	0	0	0	0		BII = I = FUNCTION ON
<u> </u>					L <u>.</u>		<u> </u>	Ľ,	<u> </u>							
	Co	ntro	i inte	orm	atioi	n (ui	nit s	pec	ITIC)							

5.2.6 Parameter read (send)

H-Byte	L-Byte	Word 1				
00	00	xxxx H (undefined)				
H-Byte	L-Byte	Word 2				
15 14 13 12 11 10 9 8	7 6 5 4 3 2 1 0					
≥ œ	eter address	Parameter address + R / W - Bit				
H-Byte	L-Byte	Word 3				
00	00	Read Enable Value = 0000				
H-Byte	L-Byte	Word 4				
80	00	Mode bit = 1 + Control bits				

Received parameter

H-I	Byte)						L-E	Byte							Word 1	
00				00							xxxx H (undefined)						
H-Byte					L-Byte							Word 2					
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0		
/																Acknowledge	
~						Par	ame	eter	add	ress	3					Parameter address + R / W - Bit	
R																	
H-I	Byte	;						L-E	Byte							Word 3	
XX							Х	X				Parameter value					
H-Byte				L-Byte							Word 4						
			C	:0					DE							Ackowledge Parameter mode	



6.0 Parameter Table

Non listed addresses cannot be altered!

Pa	arameter:	Adjustment	Display- Code	Factory Setting:	Entry code	Parameter address HEX (.bit)	Value HEX
Vi	bratory feeder	1					
•	Amplitude (throughput)	0100 %	A.	0 %	000, 002, 008, 096	100C	0x00000xFFFF
٠	Second set point / coarse - fine	0100 %	2.	0	002	0x1006	0x00000xFFFF
٠	Maximum control limit (U _{max})	5100 %	Ρ.	90 %	096, 008	1009	0CCCFFFF H
•	Vibrating frequency	5300 Hz	F.	100 Hz	096, 008 040	1005	01F47530 H 50030000 dec. (FL.)(FH.)
٠	Soft start ramp up	060 sec.	/.	0,1 sec.	096	1013	0x00000xFFFF
٠	Soft stop ramp down	060 sec.	١.	0,1 sec.	096	1012	0x00000xFFFF
٠	Switch to external set point	0 / 1	E.S.P.	0	003	0x5800	0x0000 / 0x FFFF
٠	Set point 0(4)20 mA	0 / 1	4.20	0	003	0x5801	0x0000 / 0x FFFF
•	Potentiometer set point (for 3 / 6 / 8 A units)	0 / 1	POT.	0	003	0x5805	0x0000 / 0x FFFF
٠	Coarse / Fine control	0 / 1	S.P.2.	0	003	0x580C	0x0000 / 0x FFFF
٠	Switch to second set point (delayed)	0/1	S.2.d	0	003		0x0000 / 0x FFFF
٠	Invert enable	0/1	-En.	0	003	0x5811	0x0000 / 0x FFFF
٠	Switch status/ ready relay	0/1	r.b.	0	003	0x583D	0x0000 / 0x FFFF
Re	egulation (with sensor)						
٠	Switch to regulation	0 / 1	ACC.	0	008	0x5808	0x0000 / 0x FFFF
٠	P characteristic	0100	P.A.	40	008	0x100F	0x00000xFFFF
٠	I characteristic	0100	I.A.	100	008	0x1014	0x00000xFFFF
٠	Automatic frequency control	0/1	A.F.C.	0	008	0x5809	0x0000 / 0x FFFF
٠	Start automatic frequency search	start	A.F.S.		008	0x1400	0x0AF5
Tr	ack control					•	
٠	Switch on time delay	060 sec.	I.	1 sec.	007, 167	0x1003	0x00000xFFFF
٠	Switch off time delay	060 sec.	О.	1 sec.	007, 167	0x1002	0x00000xFFFF
•	Invert sensor	PNP / PNP inverse	-SE.	0	007, 167	0x580A	0x0000 / 0x FFFF
Se	ensor control	-	-		-		
٠	Sensor Time-out	0/1	E.En	0	015, 167	0x580B	0x0000 / 0x FFFF
•	Sense time delay (Sensor Time-out)	30240 sec.	E.	180 sec.	015, 167	0x1004	0x00000xFFFF
٠	lead time valve output 1)	060 sec.	A.r.	0,0	015		0x00000xFFFF
٠	follow-up time valve output ¹⁾	060 sec.	Ai.	4,0	015	0x102C	0x00000xFFFF
In	terface (option)	1	1	1	1	F	r
٠	Interface OFF / ON	0 / 1	cAn.	1	017	0x5818	0x0000 / 0x FFFF
Se	ervice	1 -					
٠	ERROR Reset	Reset	CLr.Er.		009	1400	C009 H
٠	Hide programming menus	0 / 1	Hd.C.		117	0x5804	0x0000 / 0x FFFF
•	Choose user parameter menu Nr. 03	03	U.S.I.	0	143		
•	Save user settings		PUSH.		143		
٠	Recall factory settings	•	FAC.		210		
•	Choose user parameter menu Nr. 03	03	U.S.I.	0	210		
٠	Recall user parameter		US.PA.		210		



Se	ervice limits						
٠	Enable service menu	0 / 1	En.S.	0	127	0x5834	0x0000 / 0x FFFF
•	 Show output current (0 100 %) 				040	0x200A	0x00000x8000 H
•	Show active vibration frequency		F.		040	0x1005	0x01F40x7530 H
•	Current limit	0100 %	Ι.	100	040	0x1016	0x00000x8000 H
•	Stop at current limit	0 / 1	E.F.u.	0	040	0x5850	0x0000 / 0x FFFF
•	Current regulator P-part	1100	I.P.	20	040	0x100D	0x00000xFFFF
•	Current regulator I-part	1100	1.1	40	040	0x1032	0x00000xFFFF
•	Min frequency limit	5150 Hz	F.L:	35	040	0x1020	01F47530 H 50030000 dec.
•	Max frequency limit	5150 Hz	F.H.	140	040	0x1021	01F47530 H 50030000 dec.
•	Start level AFC	0100	A.S.	25	040	0x1033	0x00000xFFFF
•	Output voltage limited	0100	P.L.	100	040	0x1018	0x00000xFFFF

Not available IP20 Version
 Not for fieldbus operation



7.0 Example of bus communication with Frequency controller

Variable values are shown in *italics*.

7.1 Normal mode

(Set point to 70 %)

	Word	Code	send	Code	Received
end Set bint	1	0000 H		0000 H	
	2	B332 H	Set point = 70 %		
	3				
йğ	4	0004 H	Enable On	A5xx H	Ready

Enable ON, Stop controller (with enable)

			· · · · · · · · · · · · · · · · · · ·		
	Word	Code	send	Code	Received
end Set vint	1	0000 H		0000 H	
	2	B332 H	Set point = 70 %		
	3				
хд	4	0000 H	Enable OFF	A5xx H	Ready

7.2 Parameter mode

(e.g. set frequency to 50 Hz and soft start to 2 second)

	Word	Code	send	Code	Received
	1	0000 H		0000 H	
ite	2	CODE H	Write enable Address	CODE H	Acknowledge
≥ o	3	B5E7 H	Write enable value	B5E7 H	Acknowledge
abl	4	8000 H +	Set mode bit = 1	CODE H	Acknowledge
0 G		Control bits			

	1	0000 H		0000 H	
ter	2	9005 H	Parameter address	9005 H	Acknowledge
ne			Vibrating frequency		_
ıraı			+ R / W - Bit		
ed	3	1388H	Frequency 50 Hz	1388 H	Acknowledge 50 Hz
ite	4	8000 H +	Set mode bit = 1	CODE H	Acknowledge
Ž		Control bits			-

	1	0000 H		0000 H	
etei	2	9013 H	Parameter address	9013 H	Acknowledge
Ē			Soft start		
Ira			+ R / W - Bit		
ed	3	3333 H	Soft start 2 Sec.	3333 H	Acknowledge 2 seconds
ite	4	8000 H +	Set mode bit = 1	CODE H	Acknowledge
Ň		Control bits			

	Word	Code	send	Code	Received
a)	1	0000 H		0000 H	
/rite	2	CODE H	Write enable address	CODE H	Acknowledge
<u>ح</u> و	3	0000 H	Write enable Value	0000 H	Acknowledge
abl B	4	8000 H +	Set mode bit = 1	CODE H	Acknowledge
О С С С		Control bits			_



Example of switch parameter change

Enable invert

	Word	Code	send	Code	Received
n	1	0000 H		0000 H	
able	2	CODE H	Write Enable Address	CODE H	Acknowledge
en	3	B5E7 H	Write Enable Value	B5E7 H	Acknowledge
en /rite	4	8000 H +	Set mode bit = 1	CODE H	Acknowledge
ĕ≥		Control bits			

	1	0000 H		0000 H	
	2	D811 H	Parameter address	D811 H	Acknowledge
e					
met	3	FFFF H	new Parameter	FFFF H	Acknowledge
'rite araı	4	8000 H +	Set mode bit = 1	CODE H	Acknowledge
≦ د		Control bits			-

	Word	Code	send	Code	Received
D.	1	0000 H		0000 H	
able	2	CODE H	Write Enable Address	CODE H	Acknowledge
en	3	0000 H	Write Enable Value	0000 H	Acknowledge
lose /rite	4	8000 H +	Set mode bit = 1	CODE H	Acknowledge
υ≥		Control bits			

Read only the parameter)

	Word	Code	send	Code	Received	
ad	1	0000 H		0000 H		
	2	1013 H	Parameter address	1013 H	Acknowledge	
			Soft start			
	3	0000 H	Read parameter	8000 H	Parameter value (=> 5 seconds)	
	4	8000 H +	Set mode bit = 1	CODE H	Acknowledge Parameter mode	
Re		Control bits			-	



7.3 RESET Controller

	Word	Code	send	Code	received
en ite enable	1	0000 H		0000 H	
	2	CODE H	Write Enable Address	CODE H	Acknowledge
	3	B5C9 H	Write Enable Value	B5C9 H	Acknowledge
	4	8000 H +	Set mode bit = 1	CODE H	Acknowledge
g≯		Control bits			

Parameter	1	0000 H		0000 H	
	2	9400 H	Parameter address	0000 H	Acknowledge
			Reset		_
			+ R / W - Bit		
	3	C009 H	RESET.	0000 H	
'rite	4	8000 H +	Set mode bit = 1	CODE H	
3		Control bits			

Allow approximately 0.5 sec. for RESET



8.0 Methods for adjusting the IP-address

All PROFINET devices based on the Industrial Ethernet standard and therefore need for the operation an IP address.

To simplify the configuration, you are prompted only once to assign an IP address. When configuring the PROFINET IO controller in STEP 7 HW config displays a dialog to select the IP address and the Ethernet subnet one.

The IP addresses of the PROFINET IO devices are generated by STEP 7 and automatically assigned to the PROFINET IO Devices from PROFINET IO controller only during CPU startup. The IP addresses of all PROFINET IO devices that are connected to a PROFINET IO controller, always have the same subnet mask; based on the IP address of the PROFINET IO controller are automatically awarded for PROFINET IO devices with IP addresses in ascending order.

Before a PROFINET IO device can be addressed from a PROFINET IO controller, the PROFINET IO devices with a device name must be assigned. In PROFINET, this approach has been chosen because names are easier to handle than complex IP addresses. Assigning a device name for a specific PROFINET IO device can be compared with setting the PROFIBUS address for a DP slave.

Reset address:



By pressing the ADR switch> 6 seconds will be reset to the default IP address. Delivery: 0.0.0.0.

Adresse zurücksetzen

Setting the IP address and name

Setting on the Siemens "Primary Setup Tool"

With the Siemens "Primary Setup Tool" IP address assignment can also present without IO-Controller (PLC) are made. The software is available free on the Siemens "Automation & Drive" website in the support section available:

http://support.automation.siemens.com/WW/llisapi.dll?func=cslib.csinfo&lang=de&objid=19440762&caller =view



To assign the IP address via the Siemens »Primary Setup Tool":

- 1. PC with PROFINET connecting device.
- Start the Siemens "Primary Setup Tool".
 Click the Search button for participants in the PROFINET network

to search.



4. The found PROFINET nodes are displayed.

Primary Setup Tool - Intel(R) 82579LM Gigabit Network Conn	ection - s7wnpstx.exe			
Network Module Settings Options ?				
🔦 🚵 📲 F 🔤 🛱 포ႍ가 포가 포가 R				
⊞- 🍞 REOGATE : 00-14-11-8A-87-3E : 0.0.0.0	- General information A Device name:			
	E			
1	• • • • •			
Ready Display	ed stations: 1 - Stations found: 1 - (Filter: off)			

In the example, the search has a REO PROFINET nodes found, with no IP address (0.0.0.0 entry).



Click to the device and enter the IP address, subnet mask, and assign the device name.

🔁 Primary Setup Tool - Intel(R) 82579LM Gigabit Network Connection - s7wnpstx.exe				
Network Module Settings Options ?				
🔦 🏜 🎼 F 白江 蓬江 玉江 R				
BEDGATE : 00-14-11-84-87-3E : 0.0.0.0	_ Ethernet interface			
Poetic name: Page Ind. Ethernet interface	MAC address 00-14-11-8A-B7-3E			
	Assign IP parameters			
	P address 0.0.0.0			
	Subnet mask 0 . 0 . 0			
	Receive IP address from <u>D</u> HCP server Identified by <u>C</u> <u>Dient ID</u> <u>C</u> <u>MAC</u> address <u>C</u> Device name Client ID			
	Assign Device Name			
	Device name: Assign Name			
Ready Displ	aved stations: 1 - Stations found: 1 - (Filter: off)			

🖪 Primary Setup Tool - Intel(R) 82579LM Gigabit Network Connection - s7wnpstx.exe				
Network Module Settings Options ?				
 ▲ ● F ● 近差近至近 日 R ● PEDGATE: 00-14-11-8A-87-3E: 0.0.00 ● Pevice name: reogate-pn ● Ind. Ethernet interface 	Ethernet interface MAC address 00-14-11-8A-87-3E Image: Constraint of the state of the			
Ready Displayed stations: 1 - Stations found: 1 - (Filter: off)				

5. Click in "Settings" the "Download" button to transfer the assigned IP address.

Each IP address must individually using the "Download" button to the respective IO device be transferred.



IP address and the device name are now assigned to the device.

Primary Setup Tool - Intel(R) 82579LM Gigabit Network Con	nection - s7wnpstx.exe
Network Module Settings Options ?	
🔦 💼 📲 F 🛛 위치 포치 포치 🗛 R	
REOGATE : 00-14-11-8A-87-3E : 192.168.11.182 P Device name: reogate-pn P Ind Ethemet interface	AC address 00-14-11-8A-87-3E
	Use router 0 . 0 . 0
	Receive IP address from DHCP server Identified by Direct ID C MAC address C Device name
	Client ID
	Assign Device Name Device name: reogate-pn Assign Name
Ready Disp	layed stations: 1 - Stations found: 1 - (Filter: off)

In the example, the IP address 192.168.11.182 and the name "reogate-pn" was awarded for the device with the MAC address 014-11-8A-B7-3E.

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