



Ordering Code: 24P801-XXX

Part number: FNI_8M-1204P-XXX

8 Port PNP



Product Instruction

China·FuJian

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Security

■ Expected use

This manual describes as decentralized input and output modules for connecting to an industrial network.

■ Installation and start-up

Precautions!

Installation and start-up should only be performed by trained professionals. A qualified individual is one who is familiar with the installation and operation of the product and has the necessary qualifications to perform this operation. Any damage caused by unauthorized operation or illegal improper use is not covered by the manufacturer's warranty. Equipment operators are responsible for ensuring compliance with the appropriate safety and accident prevention regulations.

■ Corrosion resistance

Precautions!

FNI modules generally have good chemical and oil resistance. When used in corrosive media (e.g. high concentrations of chemicals, oils, lubricants, coolants and other material media (i.e. very low water content), these media must be checked before the corresponding application material compatibility. If a module fails or is damaged due to this corrosive medium, a defect claim cannot be made.

■ Dangerous voltage

Precautions!

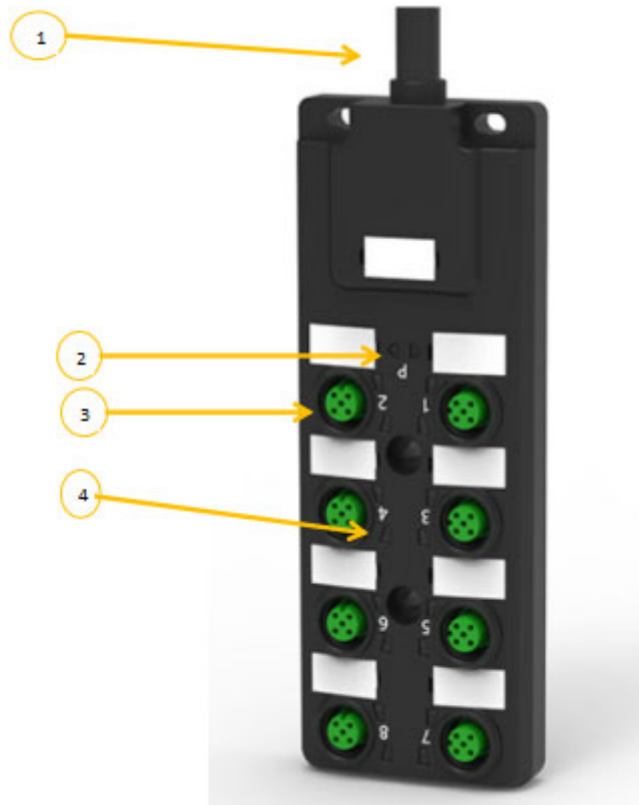
Disconnect all power before using the device!

■ General security

Debugging and inspection	Trouble	Owner/operator obligations	Expected use
<p>Before debugging, read the user manual carefully.</p>	<p>If the defect or equipment failure cannot be corrected, the operation of the equipment must be stopped to avoid damage that may be caused by unauthorized use.</p>	<p>This equipment is an EMC Class A compliant product. This device produces RF noise.</p>	<p>The warranty and limited liability statement provided by the manufacturer does not cover damage caused by:</p> <ul style="list-style-type: none"> ·Unauthorized tampering ·Improper use operation <p>·The instructions provided in the user manual explain the use, installation and handling of discrepancies</p>
<p>This system cannot be used in an environment where the safety of personnel depends on the functionality of the equipment.</p>	<p>Only after the housing is fully installed can the intended use be assured.</p>	<p>The owner/operator must take appropriate precautions to use this equipment.</p> <p>This device can only use the power supply that matches this device, and can only connect cables approved for application.</p>	

1.Component function description

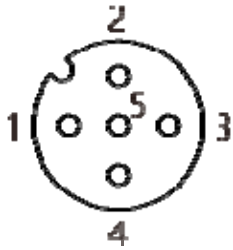
1.1 General introduction



1	2	3	4
Controller Cable	Status LED: COM Port	Sensor port	Status LED: Sensor Port

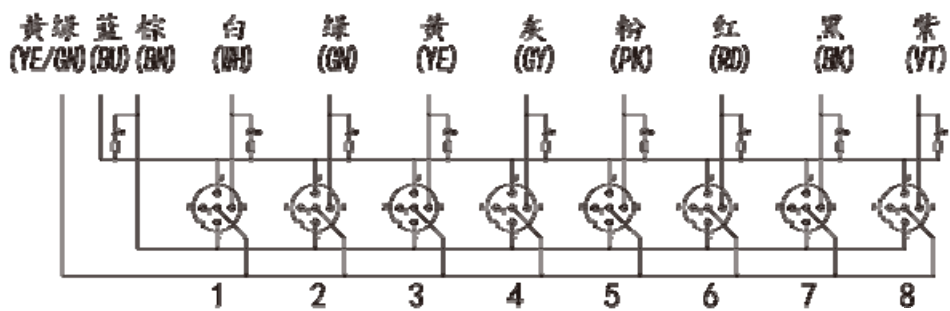
2.Interface definition

2.1 Sensor interface (4 Pin Female)



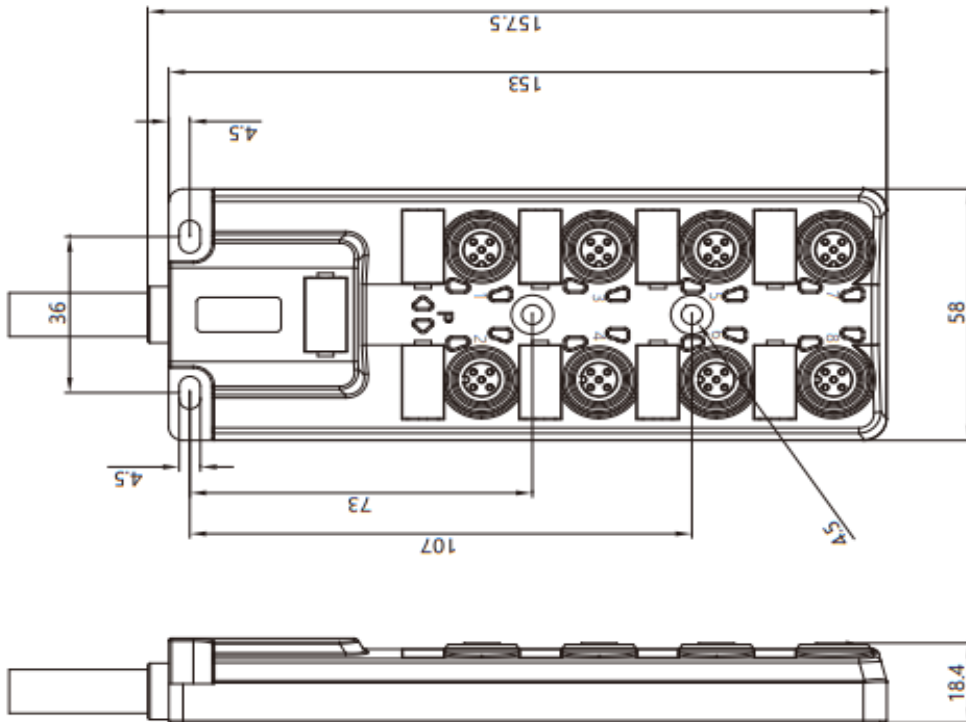
Pin	Functions
1	24V
2	Unused
3	0V
4	NO signal
5	GND

2.2 Circuit diagram



2.3 Machine size

Project	Specification
Size (WxHxD)	58mm*157.5mm*18.4mm



3.Product data

3.1 Parameters

Rated supply voltage U_E	24V DC
Working power supply U_B	10...30V DC
Function indicator light	Yes
Power start indicator	Green LED indicator
sensor connect	4 Pin Female,M8
Controller connect	Cable
Number of connections	8
Current load capacity	4A
total current	6A
Material	PBT,GF
Protection class compliance IEC 60529	IP67(Properly connected)
environment temperature T_A	-5...+60°C
use	Normal Open
Recommended	FCC M414



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