

Product Guide

I/O Module

(Terminal type)

CONTEC CO., LTD.

Thank you for purchasing this product. The product you have purchased consists of the following items.

Check, with the following list, that your package is complete.

If you find any item either missing or damaged, please contact the sales representative you purchased the product from.

Before using the product, be certain to read the Reference Manuals that can be obtained from the Contec website in order to operate the product properly.

The following manuals come with this product. Visit our website and download them by entering the model type in "Downloads". Read them before using the product.

The name of the documents	Contents	How to get
Product Guide (This booklet)	The product outline and cautions are described. Keep this carefully since it contains the warranty.	Included in the package. (Printed matter)
Reference Manual(Hardware)	Hardware aspects such as functions and settings are described.	Download(PDF)
Reference Manual(Software)	Each function of the "CONPROSYS nano WEB Setting" are described.	Download(PDF)

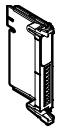
Download <https://www.contec.com/download/>

1. About the Product

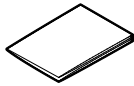
This product is a configurable module to provide interface to the CPU unit of CONPROSYS nano series.

2. Product Configuration

This product consists of the items listed below.



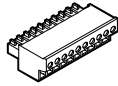
Product... 1



Product Guide)...1
(This booklet)



Serial Number Label...1



10-pin Connector...1
(Attached to the product)

3. Safety Precautions

Understand the following definitions and precautions to use the product safely.

The caution mark "⚠" on the face of the product indicates that you should always check the meanings of the symbol described in the manual.

Safety Information

This document provides safety information using the following symbols to prevent accidents resulting in injury or death and the destruction of equipment and resources. Understand the meanings of these labels to operate the equipment safely.

⚠ DANGER	DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
⚠ WARNING	WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
⚠ CAUTION	CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury or in property damage.

Handling Precautions

⚠ DANGER

- Do not use the product in locations exposed to a flammable or corrosive gas. It may cause explosion, fire, electrical shock, or malfunction.
- Do not allow this device to come into contact with foreign substances (metal particles, flammable substances, liquids, etc.) This can cause fire or electrical shock.
- Do not place this device in an unstable location or use incomplete mountings. This may cause the device to fall.
- Be sure to connect the product to the stipulated power supply voltage. Connecting to a different voltage might cause a fire or electrical shock.
- This product is not intended for use in aerospace, space, nuclear power, medical equipment, or other applications that require a very high level of reliability. Do not use the product in such applications.
- If using this product in applications where safety is critical such as in railways, automotive, or disaster prevention or security systems, please contact your retailer.

⚠ CAUTION

- Do not use or store this product in a location exposed to high or low temperature that exceeds range of specification or susceptible to rapid temperature changes.
e.g. - Exposure to direct sun
- In the vicinity of a heat source
- Do not use this product in extremely humid or dusty locations. It is extremely dangerous to use this product with its interior penetrated by water or any other fluid or conductive dust. If this product must be used in such an environment, install it on a dust-proof control panel, for example.
- Avoid using or storing this product in locations subject to shock or vibration that exceeds range of specification.
- Avoid transporting this products state to shock or vibration that exceeds range of specification.
Impact resistance: 10G (11ms) below
- Use the product in the specified operating condition (temperature, humidity, vibration and shock).
- Avoid installing in the place where ventilation of the product may compromise. Insufficient aeration could heat up the product and lead to malfunctions or damages.
- Do not use this product in the vicinity of devices that generate strong magnetic force or noise. Such products will cause this product to malfunction.
- Do not use or store this product in the presence of chemicals.
- When attaching or detaching a connector or a cable, please be sure that the power cable of CPU unit for the system is unplugged from the outlet.
- CONTEC reserves the right to refuse to service a product modified by the user.
- In the event of failure or abnormality (foul smells or excessive heat generation), unplug the power cable of CPU unit immediately and contact your retailer. To connect with peripherals, use a grounded, shielded cable.
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- To clean this product, wipe it gently with a soft cloth dampened with either water or mild detergent. Do not use chemicals or a volatile solvent, such as benzene or thinner, to prevent peeling or discoloration of the paint.
- When connecting cables, first check the shapes of connectors (such as USB connectors), and then insert them in the correct orientation. After they are connected, do not put too much load on the connected part. Doing so may result in poor contact or damage to this product and the connected part.
- Do not touch terminals of the product with your hands in operation. Otherwise, this product may malfunction, overheat, or cause a failure.
- To avoid electric shock, please do not touch the system with a wet hand.
- The specification of this product is subject to change without notice for enhancement and quality improvement. Even when using this product continuously, be sure to read the manual of CONTEC's website and understand the contents.
- If you want to use in places where the influence of the overcurrent or overvoltage is, please select appropriate surge protection device for all of the route (Power line etc).
- Regardless of the foregoing statements, CONTEC is not liable for any damages whatsoever (Including damages for loss of business profits) arising out of the use or inability to use this CONTEC product or the information contained herein.
- When disposing this product, please comply with the municipal regulations and ordinances.

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