Instruction Manual

1. Marking

VisuNet FLX Industrial Box PC BPC3200-N* Industrial Box Thin Client BTC12N-G*, BTC14N-G*, BTC22-N*, BTC24-N*

The *-marked letters of the type code are placeholders for versions of the device.

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2. Target Group, Personnel

Responsibility for planning, assembly, commissioning, operation, maintenance, and dismounting lies with the plant operator.

The personnel must be appropriately trained and qualified in order to carry out mounting, installation, commissioning, operation, maintenance, and dismounting of the device. The trained and qualified personnel must have read and understood the instruction manual.

3. Reference to Further Documentation

Specific processes and instructions in this instruction manual require special provisions to guarantee the safety of the operating personnel.

Observe directives, standards, and national laws applicable to the intended use and the operating location.

The corresponding datasheets, manuals, declarations of conformity, EU-type examination certificates, certificates, and control drawings if applicable (see datasheet) are an integral part of this document. You can find this information under www.pepperl-fuchs.com.

For specific device information such as the year of construction, scan the QR code on the device. As an alternative, enter the serial number in the serial number search at www.pepperl-fuchs.com/device-information.

Due to constant revisions, documentation is subject to permanent change. Please refer only to the most up-to-date version, which can be found under www.pepperl-fuchs.com.

4. Reference to Further Documentation

Prior to using the product make yourself familiar with it. Read the instruction manual carefully.

The device is only approved for appropriate and intended use. Ignoring these instructions will void any warranty and absolve the manufacturer from any liability.

Use the device only within the specified ambient and operating conditions.

The device must only be operated in the specified ambient temperature range and at the specified relative humidity without condensation.

The device is designed for a maximum altitude of 2000 m.

Take the intended use of the connected devices from the corresponding documentation.

5. Improper Use

Protection of personnel and the plant is not ensured if the device is not used according to its intended use.

6. Warning Markings

Observe the warning markings.

Do not remove the warning markings.

7. Mounting and Installation

Prior to mounting, installation, and commissioning of the device you should make yourself familiar with the device and carefully read the instruction manual.

Do not mount the device at locations where an aggressive atmosphere may be present.

Use mounting materials which are suitable to secure the device safely.

Use mounting materials that fit the nature of the mounting surface.

Mount the device in a weatherproof location.

Protect the device against long-term or excessive mechanical vibrations.

Ensure that all fasteners are present.

Observe the tightening torque of the screws.

Only use accessories specified by the manufacturer.

The device is designed for use in pollution degree 2 and overvoltage category II according to IEC/EN 60664-1.

Only connect safety extra-low voltage circuits (SELV) or protective extra-low voltage circuits (PELV) to the device.

Protect the circuit against overvoltage (e. g., lightning).

The device must be disconnected from the power supply prior to installation and maintenance. The power supply may be activated only after all the circuits required for operation have been fully assembled and connected.

Ensure that the terminals are in good condition and are not damaged or corroded.

The device can get very hot during operation. To protect the device from excessive heating, observe the required clearances and sufficient ventilation when installing the device.

Requirements for Cables and Connection Lines

Install the cables and connection lines in such a way that they are protected from ultraviolet radiation.

Observe the insulation stripping length.

Observe the minimum bending radius of the conductors.

Secure the connections of the device against loosening by suitable means.

Observe the maximum permissible length of cables and connection lines.

Requirements for Surrounding Enclosures

Ensure that the surrounding enclosure is not damaged, distorted, or corroded.

8. Operation, Maintenance, Repair

Do not use a damaged or polluted device.

The device must not be repaired, changed, or manipulated. In case of failure, always replace the device with an original device.

If there is a defect, the device must be repaired by Pepperl+Fuchs.

The device must be disconnected from the power supply prior to installation and maintenance. The power supply may be activated only after all the circuits required for operation have been fully assembled and connected.

9. Delivery, Transport, Disposal

Check the packaging and contents for damage.

Check if you have received every item and if the items received are the ones you ordered.

Keep the original packaging. Always store and transport the device in the original packaging.

Store the device in a clean and dry environment. The permitted ambient conditions must be considered, see datasheet.

The device, built-in components, packaging, and any batteries contained within must be disposed in compliance with the applicable laws and guidelines of the respective country.