Instruction Manual

1. Marking

Keyboard EXTA4-N1-K4* keyboard with touchpad EXTA4-N1-K6* keyboard with joystick EXTA4-N1-K8* keyboard with optical trackball

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

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2. Validity

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

3. 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.

4. Reference to Further Documentation

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.

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.

5. Intended Use

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 is designed for a maximum altitude of 2000 m.

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

6. Improper Use

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

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.

Only use accessories specified by the manufacturer.

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

Mount the device in such a way that it is protected from direct sunlight, unless it is equipped with UV protection.

Ensure that all fasteners are present.

Observe the tightening torque of the screws.

Mount the device so that it complies with the specified degree of protection according to IEC/EN 60529.

Mount the device in a weatherproof location.

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

Requirements for Cable Glands

Adjust the sealing element of the cable gland to the diameter of the cables and connection lines used.

Ensure that all cable glands are in good condition and are securely tightened.

Only use cable glands with a temperature range appropriate to the application.

Requirements for Cables and Connection Lines

Observe the maximum permissible length of cables and connection lines.

Observe the permissible core cross section of the conductor.

Observe the insulation stripping length.

When installing the conductors the insulation must reach up to the terminal.

When using stranded conductors, crimp wire end ferrules on the conductor ends.

Observe the minimum bending radius of the conductors.

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

Install cables and cable glands in a way that they are not exposed to mechanical hazards.

8. Surrounding Enclosure

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

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

Ensure that all seals are clean, undamaged, and correctly fitted.

9. Operation, Maintenance, Repair

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

Do not repair, modify, or manipulate the device.

Do not use a damaged or polluted device.

If there is a defect, always replace the device with an original device.

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

10. 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.