

Instruction Manual

1. Marking

You will find the exact device designation on the nameplate.
For certification details refer to the device nameplate.
Observe the specific conditions of use.

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2. Target Group, Personnel

The personnel must be appropriately trained and qualified in order to carry out mounting, installation, commissioning, operation, maintenance, and dismantling of the device. The trained and qualified personnel must have read and understood the instruction manual.
Prior to using the product make yourself familiar with it. Read the instruction manual carefully.

3. Reference to Further Documentation

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

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.

In order to access this documentation, enter the product name, i. e. the type code, or the item number of the product in the search field of the website.

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.

You can find the data for electrical values and parameters in the corresponding datasheets.

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.

If you use the device in safety-related applications, observe the requirements for functional safety. You can find these requirements in the functional safety documentation under www.pepperl-fuchs.com.

4. 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.

The device is not a safety component according to the Machinery Directive. Do not use the device to prevent personal injury.

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

Observe the instruction manual and the certificate of the installed apparatus.

5. Mounting and Installation

Do not mount a damaged or polluted device.

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

If you intend to install the device or enclosure in areas that may be exposed to aggressive substances, ensure that the stated surface materials are compatible with these substances. If required, contact Pepperl+Fuchs for further information.

Mount the device in a way that the device is protected against mechanical hazard.

Observe the correct type of voltage when connecting the device.

6. Device-Related Information

Only connect supplies that provide protection against electric shock (e. g. SELV or PELV).

Avoid mechanical impacts to the device (e. g. from heavy or sharp-edged objects).

If radio frequency sources are present in the device, the usage of the device is bound to local restrictions. Ensure that the local restrictions allow usage of this device before commissioning.

The device must be installed outside of the hazardous area.

In order to protect the circuit and the load, install an external fuse.

7. Housings and Surrounding Enclosures

The housing must not be opened when the device is energized.

To ensure the degree of protection, consider the following points:

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

8. Operation, Maintenance, Repair

Do not remove the nameplate.

Do not repair, modify, or manipulate the device.

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

If cleaning is required, use a clean water damp cloth.

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.

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.