

USB-FBPS*

Marking


USB-FBPS-1.11.45.NI (USB fieldbus power supply)
Pepperl+Fuchs GmbH Lilienthalstrasse 200, 68307 Mannheim, Germany
Certificate: PF 08 CERT 1303 X  II 3G Ex nA II T4

table 1

Validity

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

Target Group, Personnel

Responsibility for planning, assembly, commissioning, operation, maintenance, and dismantling lies with the plant operator. Mounting, installation, commissioning, operation, maintenance and dismantling of the device may only be carried out by appropriately trained and qualified personnel. The instruction manual must be read and understood.

Reference to Further Documentation

Observe laws, standards, and directives applicable to the intended use and the operating location. Observe Directive 1999/92/EC in relation to hazardous areas.

The corresponding datasheets, declarations of conformity, EC-type-examination certificates, certificates and control drawings if applicable supplement this document. You can find this information under 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.

Intended Use

The mobile fieldbus power supply is designed for commissioning and maintenance of one field device. The device must be used with a National Instruments PCMCIA-FBUS card only.

Input and output of the device are not galvanically isolated. Therefore only connect passive, non-supplying apparatus to the device.

Use the device only within the specified ambient conditions.

Improper Use

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

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 a damaged or polluted device.

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

Mount the device in such a way that it is protected from ultraviolet radiation.

Avoid electrostatic charges which could result in electrostatic discharges while installing or operating the device.

Hazardous Area

Observe the installation instructions according to IEC/EN 60079-14.

Connection or disconnection of energized non-intrinsically safe circuits is only permitted in the absence of a potentially explosive atmosphere.

If the device has already been operated in general electrical installations, the device may subsequently no longer be installed in electrical installations used in combination with hazardous areas.

Type of Protection

Type of Protection Ex i

Observe the maximum values of the device, when connecting the device to intrinsically safe apparatus.

Operation, Maintenance, Repair

Prior to using the device you should make yourself familiar with the device and carefully read the instruction manual.

The device must not be repaired, changed or manipulated.

If there is a defect, always replace the device with an original device from Pepperl+Fuchs.

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 (see datasheet) must be considered.

Disposing of device, packaging, and possibly contained batteries must be in compliance with the applicable laws and guidelines of the respective country.