

Instruction Manual

1. Marking

Tablet Computer Pad-Ex 01 P12 *
ATEX certificate: EPS 16 ATEX 1163 X ATEX marking: Ⓢ II 3G Ex ic op is IIC T4 Gc IP64, T _a : -10 to +55 °C Ⓢ II 3D Ex ic op is IIIB T135°C Dc IP64
IECEX certificate: IECEX EPS 16.0072X IECEX marking: Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
UKCA certificate: refer to ATEX certificate UKCA marking: refer to ATEX marking

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

For details of on the actual type of protection applied, refer to the nameplate of the device.

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2. Target Group, Personnel

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

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.

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.

Observe Directive 1999/92/EC in relation to hazardous areas.

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 packaging of 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.

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 intrinsically safe tablet computer type Pad-Ex 01 P12 * is designed for Zone 2/22 applications.

Use the device only within the specified ambient temperature range.

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

The device is an electrical apparatus for hazardous areas.

Devices for which specific conditions of use apply have the X marking at the end of the certificate number.

5. Improper Use

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

6. Operation, Maintenance, Repair

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

Retrieve the temperature class dependant temperature ranges from the certificate.

Do not repair, modify, or manipulate the device.

Do not use a damaged or polluted device.

Observe the warning markings.

Do not remove the warning markings.

Only use accessories specified by the manufacturer.

Some interfaces of the device must be closed during operation in the explosion-hazardous area. Ensure that these interfaces are closed.

Do not use external connections in the explosion-hazardous area.

Do not use interfaces that are not intended for the use in the explosion-hazardous area.

Close all unused connections with an appropriate protective cover.

Ensure that the device is fitted with a glass screen protector and a cover for the docking connector.

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

Protect the device from ultraviolet radiation.

Avoid inadmissibly high electrostatic charge on the device.

You can reduce the electrostatic hazards by minimizing the generation of static electricity. For example, you have the following options to minimize the generation of static electricity:

- Control the environmental humidity.
- Protect the device from direct airflow.
- Ensure a continuous drain off of the electrostatic charges.

Observe IEC/EN 60079-17 for maintenance and inspection.

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

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.

Only charge the rechargeable battery in the non-explosion-hazardous area.

Only remove or replace the battery in the non-explosion-hazardous area.

When replacing the battery, use batteries of the correct type only. Using the wrong type of battery may cause damage to the device. Furthermore, using the wrong type of battery voids the certification of the device.

7. 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.

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.