

Safety Information

RM8200/KM8200/PC8200

Validity

Specific processes and instructions in this document require special precautions to guarantee the safety of the operating personnel.

Modified Markings

The circuitry of the apparatus and the electrical parameters have been modified and the apparatus have been assessed in accordance with the current standard versions; a modified marking is the result.

Target group / Personnel

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

Observe laws, standards, or directives applicable to the intended use must be observed. In relation to hazardous areas, Directive 1999/92/EC must be observed.

The corresponding data sheets, declarations of conformity, Type-Examination Certificates, and control drawings if applicable (see data sheet) are an integral part of this document. You can find this information under www.pepperl-fuchs.com.

Marking

All VisuNet RM and VisuNet PC variants for installation are labelled with:

	RM	PC	KM
Company name:	Pepperl+Fuchs		
Address:	1600 Enterprise Pkwy Twinsburg, OH 44087		
Website:	www.pepperl-fuchs.com		
Type designation:	RM8200	PC8200	KM8200
Ambient temperature:	-20°C ≤ Ta ≤ +50°C		

All VisuNet RM/PC variants for installation in hazardous areas **acc. to ATEX** are additional labelled with:

	RM	PC	KM
Relevant types:	RM82***-V3-*	PC82***-V3-*	KM82***-V3-*
Conformity mark:	CE		
Certification no.:	DEMKO 12 ATEX 1107369X		

Types	Marking	Alternate Marking
RM821**-V3-*	E II 3G Ex nA nC IIC T4 Gc	E II 3G Ex nA IIC T4 Gc
PC82***-V3-*		
KM82***-V3-*		

All VisuNet RM/PC variants for installation in hazardous areas **acc. to IECEx** are additional labelled with:

	RM	PC	KM
Relevant types:	RM82***-V3-*	PC82***-V3-*	KM82***-V3-*
Certification no.:	IECEx UL 12.0028X		

Types	Marking	Alternative Marking
RM82***-V3-*	II 3G Ex nA nC IIC T4 Gc	II 3G Ex nA IIC T4 Gc
PC82***-V3-*		
KM82***-V3-*		

INTENDED USE

Where "ATEX \ IECEx" appears throughout this document, it shall be understood that "ATEX" applies to ATEX installation applications only, and "IECEx" applies to IECEx installation applications only.

When so labelled, this equipment is suitable for use in Class I, Division 2, Groups A, B, C, and D; Class II, Division 2, Groups F, G; ATEX \ IECEx Zone 2; or non-hazardous locations only.

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 must only be operated in the specified ambient temperature range and at the specified relative humidity without condensation. If the device replaces a predecessor device, the documentation for the verification of intrinsic safety must be adjusted.

Improper Use

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

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.

Only use accessories specified by the manufacturer.

Avoid electrostatic charges which could result in electrostatic discharges while installing or operating the device. Ensure that the operating location has a sufficient floor load capacity. Protect the device against long-term or excessive mechanical vibrations. When powered, internal voltages present can be lethal.

There are no user serviceable parts inside.

Please direct all service work to the manufacturer or an authorized repair facility. This product contains sensitive electronic components and glass. Dropping or extreme shocks may damage or break the glass. Such abuse is not covered under warranty. This product is intended to be mounted in a suitable cabinet or other enclosure. The IP ratings are applicable only when properly installed in a like rated enclosure. All peripheral equipment must also be suitable for the location it is used in.

WARNING: EXPLOSION HAZARD. DO NOT DISCONNECT WHILE THE CIRCUIT IS LIVE OR UNLESS THE AREA IS KNOWN TO BE FREE OF IGNITIBLE CONCENTRATIONS.

WARNING: EXPLOSION HAZARD-SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR USE IN

Dieses Dokument enthält sicherheitsrelevante Angaben. Es darf nicht ohne Absprache mit dem Normenexperten (NE Ex) geändert werden!

This document contains safety-relevant information. It must not be altered without the authorization of the norm expert (NE Ex)!

CONFIDENTIAL acc. to ISO 16016

Only valid as long as released in EDM!

2015-Oct-13

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VisuNet IND 8200 Series
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Special Conditions For Safe Use

The device shall be mounted in an ATEX or IECEx certified enclosure with a minimum ingress protection rating of at least IP54 and used in an area of not more than pollution degree 2 as defined in IEC 60664-1.

The enclosure must utilize a tool removable cover or door. Provision shall be made to provide transient protection device to be set at a level not exceeding 119 V at the power supply terminals of the apparatus.

The standard 5-wire resistive touch-screen ("T" option) has not been evaluated for potential damage from UV exposure. Therefore, installation is restricted against direct exposure to sunlight is required. Examples of acceptable installations include indoor applications away from direct sunlight; outdoor applications with shading to prevent direct sunlight; etc... Regular inspections are necessary to check for deterioration of the touch-screen. Return the VISUNET apparatus to factory for repair or replace the VISUNET apparatus if damage is detected.

Local KVM extender units (transmitters) must be mounted in Non-Ex areas. These are not covered under certification number DEMKO 12 ATEX 1107369X Rev. 0, nor IECEx UL 12.0028X.

Installation Notes on Cables and Wires

If cables or wires are needed for installation, the following points must be considered/evaluated:

Disconnect the device, before you plug or unplug the terminals.

The permissible cross section of conductors must be considered.

The insulation stripping length must be considered.

If you use stranded wires, crimp on wire end ferrules.

The tightening torque for the screws of the terminal must be considered.

Connectors for non-intrinsically safe circuits must be mechanically secured.

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.

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.

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