

Safety, installation and maintenance instructions

These instructions provide the information necessary for assembly, connection, startup and configuration, as well as important information for maintenance, troubleshooting, and user safety. For this reason, it is necessary to read it before commissioning and always have it within reach in the vicinity of the equipment as an integral part of the product.

Before starting

Please read these instructions before unpacking and operating the contained instrument. Follow the instructions as described in this document.

The equipment must only be handled by qualified personnel, familiar with this type of instructions and in accordance with the specific health, safety and accident prevention standards regulated for the area where it is located.



Attention:

The sections indicated with this symbol should be read carefully.



This symbol indicates danger due to electrical shock.



This symbol indicates that the equipment is protected by double insulation.



Equipment under the European directive 2012/19/EC. At the end of its useful life, do not leave the equipment in a household waste container. It is necessary to follow local regulations on recycling electronic equipment.



Compliant with the relevant European directive.

Authorized personnel

All operations described in this documentation must be carried out exclusively by qualified personnel authorized by the owner of the installation. During work on and with the device it is always necessary to use the necessary protective equipment.



Notice against incorrect use

In the event of inappropriate or unforeseen use of this equipment, specific risks may arise for each application, for example, a tank overflow due to poor assembly or poor configuration. This may result in property, personal or environmental damage. The protective properties of the equipment may also be affected.



Safe use of equipment

iRisk of injury!



- Disconnect the power to the equipment before handling it.
- Operate the equipment only if it is in impeccable technical condition, without errors or failures.
- The operator is responsible for managing the equipment without interference.



General safety instructions

The equipment corresponds to the level of technical development under consideration of current regulations and directives. The operation of this equipment is only permitted in an impeccable and safe technical condition.

The owner is responsible for the perfect functioning of the equipment. In case of use in aggressive or corrosive media in which a malfunction of the equipment could give rise to possible risks, the owner must ensure the correct operation of the equipment by taking the appropriate measures.

The user must comply with the safety instructions in this instruction manual, country-specific installation regulations and current safety and accident prevention regulations.

For safety and warranty reasons, any manipulation that goes beyond what is described in the instruction manual must be carried out by personnel authorized by the manufacturer. Remodelling or changes made at your own expense are explicitly prohibited.

Installation

The installation of the equipment is carried out on a DIN rail, with all connections remaining inside an electrical panel. The equipment must be connected to a power circuit protected with type GL (IEC 269) or type M fuses, between 0.5 and 2 A. A magneto-thermal switch or equivalent device must be provided to disconnect the equipment from the power supply. The power supply and voltage measurement circuit must be connected with a cable with a minimum section of 1 mm².

If the equipment has wireless communications, it should not be installed inside a metal box, as this would make its correct operation difficult.



Maintenance

Remove dirt from the box from time to time.

When cleaning, keep the following in mind:



- Disconnect the power to the equipment before handling it.
- Only use cleaning products that do not damage the housing, nameplate or seals.
- Only use cleaning methods that correspond to the degree of protection.

Recycling

The packaging is made of cardboard and wood, compatible with the environment and recyclable. Eliminate packaging material waste produced through specialized recycling companies.



Electronic products CANNOT be thrown away because they are recyclable, in addition to their impact on the environment.

Deliver the equipment directly to a specialized recycling company and do not use municipal collection points.

Remove any batteries first, whenever it is possible to remove them from the equipment, and dispose of them separately in the proper manner.