

2.2 Intended use

The interrogator RFH620 is an ISO/IEC-15693 compatible transponder printer/reader unit for the close-up range (operating range of up to 16 cm), e. g., in a conveyor system.

The intended use of the interrogator results from the following description of the function:

- The interrogator is installed in a holder in a reading station.
- The interrogator transfers the reading data via the host interface to a superordinate host computer for further processing.
- The interrogator is configured/operated using the SOPAS-ET configuration software that runs on a standard client PC provided by the customer. In this connection, communication takes place via RS-232 or Ethernet.
- The Interrogator controls (locally), e. g., switches in the conveyor system via the digital switching outputs.

Important Any warranty claims against SICK AG shall be deemed invalid in case changes are made to the interrogator, e. g., opening the housing, this includes modifications during installation and electrical installation or changes to the SICK software.

- The interrogator is only to be operated in ambient air temperature limit.

2.2.1 CE authorisation

The interrogator RFH620 fulfils the requirements of CE authorisation.

2.2.2 FCC authorisation

The interrogator RFH620 is in accordance with part 15 of FCC guidelines.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.