

FIELD INSTALLATION QUICK GUIDE

Installation Instructions

IC-KP2-1HB17-2V1D

RFID control interface



PRODUCT	IC-KP2-1HB17-2V1D
FAMILY	IDENTControl Compact systems
FUNCTION	RFID control interface
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Pepperl + Fuchs documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

15 107	15
Number of Read	max. 1
UI File Number	E87056
Mtbf	70 a (Operation at +40 °C)
Led Link	green: network connection yellow: flashes in rhythm with the transmitted data
Led Ch1	green: read head detected red: Configuration error

02 PREPARATION AND CONNECTION

- Confirm the complete IC-KP2-1HB17-2V1D article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

OFFICIAL INSTALLATION REFERENCE



Control interface unit IC-KP2-1HB17-2V1D

- LED status indicator of bus communication and read/write head
- Network loop through by means of integrated 2 port switch

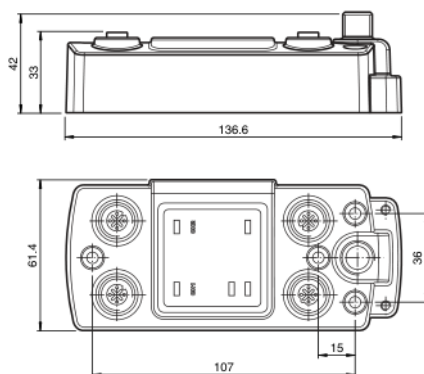
IDENTControl Compact control interface with Ethernet interface for TCP/IP, PROFINET, EtherNet/IP, and MODBUS TCP protocols



Function

The RFID identification system IDENTControl Compact from Pepperl+Fuchs offers a vast number of benefits compared to other systems, thanks to its innovative design. The control interfaces IDENTControl and IDENTControl Compact make up the core of the system. With its integrated interfaces to all commercially available fieldbus systems such as PROFIBUS, PROFINET, Ethernet, EtherCAT, CC-Link, serial connections (RS 232 or RS 485) and numerous connection options for read/write heads available for frequency ranges LF, HF and UHF, the IDENTControl Compact control interface can be easily and flexibly adapted to your requirements. LEDs on the front of the housing indicate bus communication, connected read/write heads and active read/write commands. Reliability of the application is further increased by using trigger sensors. The system is equally suited for use in control cabinets and field use in IP67. The interface to the higher-level fieldbus is integrated in the housing, and all connections are designed such that they are pluggable. This enables simple installation and quick, problem-free replacement in case of device failure. The consistent EMC design, with metal housing, grounding and shielded wires, offers a high degree of reliability.

Dimensions



Technical Data

General specifications

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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04 COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	Pepperl+Fuchs official product documentation
Product record	IC-KP2-1HB17-2V1D
Manufacturer	Pepperl + Fuchs
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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