

AMIKON TECHNICAL INTELLIGENCE

Installation Instructions

Pepperl+Fuchs IC-KP2-1HB17-2V1D

RFID Evaluation Unit

01 CONFIRM THE CONFIGURATION

Exact model	IC-KP2-1HB17-2V1D
Manufacturer	Pepperl+Fuchs
Product	RFID Evaluation Unit
Family	IDENTControl Compact

02 INSTALLATION AND CONNECTION

- Inspect the unit and verify the complete model designation before installation.
- Set the rotary address switch before mounting the unit.
- Use the documented ICZ-MH05-SACB-8 accessory when mounting on a DIN rail.
- Connect the 20-30 V DC PELV supply through the documented M12 power connector.
- Connect protective earth to the housing ground screw with a suitable crimp connector.
- Connect one compatible read/write head with a shielded four-pin M12 cable.
- Use the D-coded M12 Ethernet connection and documented industrial Ethernet cable.

03 COMMISSIONING AND SAFETY CHECKS

- Keep the device de-energized while making or changing electrical connections.
- Confirm power, protective earth, Ethernet and read/write-head connections before energizing.
- Select and configure only a documented protocol: TCP/IP, MODBUS/TCP, EtherNet/IP or PROFINET IO.
- Verify the PWR/ERR, Link/Traffic and CH1 indicators during commissioning.
- Confirm communication, read/write operation and system diagnostics before service.
- Maintain the IP67 sealing and use only suitable connectors and cable assemblies.

04 CONTROLLED SOURCE

Manufacturer	Pepperl+Fuchs
Exact model	IC-KP2-1HB17-2V1D
Official source	Pepperl+Fuchs manual TDOCT1794F and datasheet 200876
Document use	Installation reference - follow current controlled instructions