

AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Pepperl+Fuchs IC-KP2-1HB17-2V1D
RFID Evaluation Unit

IC-KP2-1HB17-2V1D is an IDENTControl Compact RFID evaluation unit with an industrial Ethernet interface. It connects one compatible read/write head to control systems through the manufacturer-documented network protocols.

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OFFICIAL PRODUCT PARAMETERS

Model	IC-KP2-1HB17-2V1D
Manufacturer	Pepperl+Fuchs
Product type	RFID Evaluation Unit
Read/write heads	Maximum 1
Rated operating voltage	20-30 V DC, PELV
Current consumption	Maximum 2 A including read/write head
Power consumption	3.5 W without read/write head
Network interfaces	Two Ethernet interfaces
Protocols	SMTP, HTTP, TCP/IP, MODBUS/TCP, EtherNet/IP, PROFINET IO
Transfer rate	10 or 100 Mbit/s

Source: Pepperl+Fuchs official product datasheet 200876_eng.pdf, issued 2023-08-07.

02 MECHANICAL AND ENVIRONMENTAL DATA

Protection rating	IP67
Operating temperature	-25 to 70 deg C
Housing	Powder-coated aluminum
Dimensions	13.7 x 6.2 x 4.2 cm
Mass	Approximately 0.30 kg
Product family	IDENTControl Compact
Exact model	IC-KP2-1HB17-2V1D

03 ENGINEERING NOTICE

Verify the exact device designation, power supply, grounding, Ethernet cabling, selected protocol, read/write head and current Pepperl+Fuchs documentation before installation or replacement.