



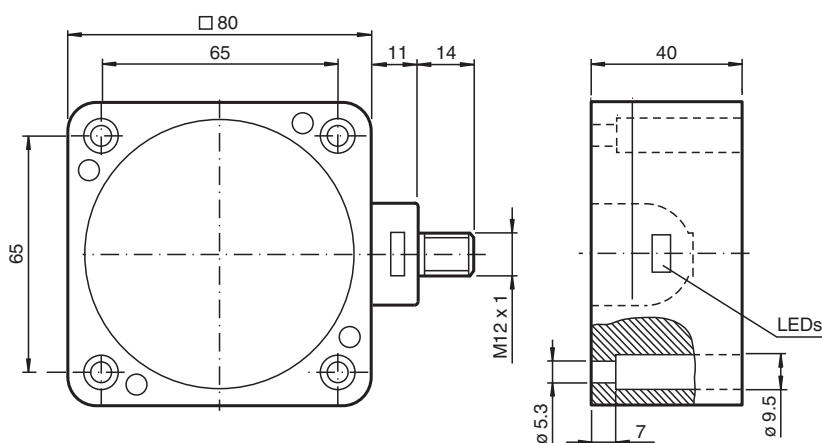
RFID read/write device IPT-FP-R4-V1

- Connection via V1 (M12 x 1) plug connection
- Dual-LED for function display
- Degree of protection IP67

LF RFID read/write device



Dimensions



Technical Data

General specifications

Operating frequency	125 kHz
Transfer rate	2 kBit/s
Sensing range	
Read distance	0 ... 100 mm
Write distance	0 ... 80 mm
Width	max. 80 mm
Operating distance	maximum: 100 mm
MTBF	350 a (Operation at +40 °C)

Indicators/operating means

LED green/yellow	green: power on green flashing: read/write attempt performed yellow: data carrier detected
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Electrical specifications

Rated operating voltage	U_e	18 ... 30 V DC , limited power source (EN 60950)
Power consumption	P_0	≤ 1.2 W

Interface

Physical	RS-485 point-to-point connection
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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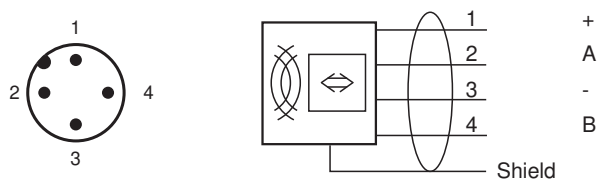
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 **PEPPERL+FUCHS**

Technical Data

Protocol	ASCII
Transfer rate	1200, 2400, 4800, 9600, 19200, 38400 (default) Bit/s
Cable length	≤ 3 m
Directive conformity	
Radio equipment	
Directive 2014/53/EU	EN 301489-1 EN 301489-3 EN 300330 EN 62368-1 EN 50364
RoHS	
Directive 2011/65/EU (RoHS)	IEC/EN 63000
Standard conformity	
Degree of protection	EN 60529
RFID	ISO/IEC 18000-2
Ambient conditions	
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)
Mechanical specifications	
Degree of protection	IP67
Connection	connector M12 x 1
Material	
Housing	PBT
Base	diecast aluminum
Encapsulation compound	Fermadur
Installation	
Distance between two heads	≥ 550 mm
Mass	approx. 380 g
Dimensions	
Height	40 mm
Width	80 mm
Length	113 mm

Connection



Factory Setting

Interface transfer rate: 38400 bps
 Port settings: 8 data bits, no parity, 1 stop bit, no handshake
 Tag type: 02