



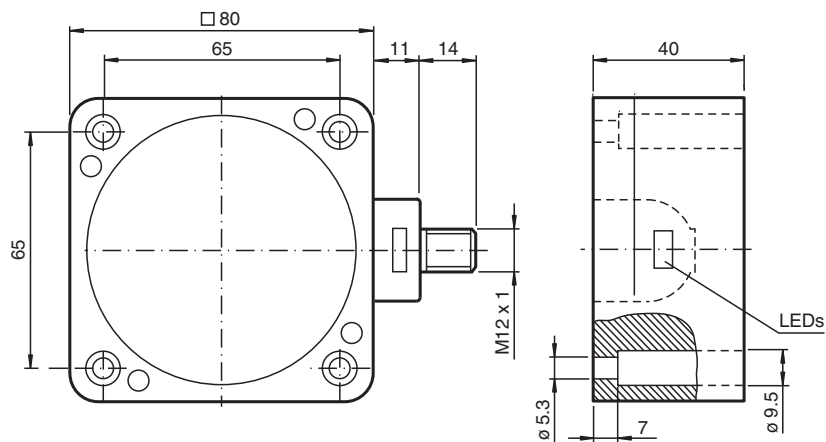
RFID read/write device IPH-FP-V1

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

LF RFID read/write device for IDENTControl



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
UL File Number	E87056
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
------------------	--

Electrical specifications

Power consumption	P_0	$\leq 1.2 \text{ W}$
Supply		from the IDENTControl

Directive conformity

Release date: 2026-07-28 Date of issue: 2026-07-28 Filename: 126055_eng.pdf

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS

Technical Data

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	Multiplex on: ≥ 100 mm Multiplex off: ≥ 550 mm
Mass	approx. 380 g
Dimensions	
Height	40 mm
Width	80 mm
Length	113 mm

Connection

