



Read/write head

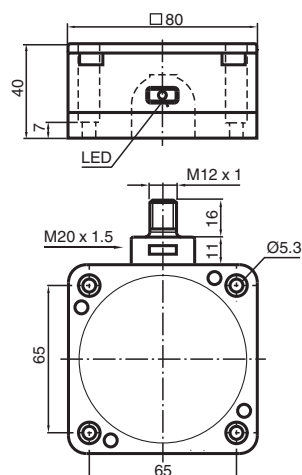
IPH-FP-V1

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

LF read/write head 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

Functional safety related parameters

MTTF _d	700 a
Mission Time (T _M)	10 a
Diagnostic Coverage (DC)	0 %

Indicators/operating means

LED green/yellow	green: power on green flashing: read/write attempt performed yellow: data carrier detected
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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PEPPERL+FUCHS

Technical Data

Electrical specifications

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

Directive conformity

Radio equipment

Directive 2014/53/EU	EN 301489-1 EN 301489-3 EN 300330 EN 62368-1 EN 50364
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RoHS

Directive 2011/65/EU (RoHS)	EN 50581
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Standard conformity

Degree of protection	EN 60529
RFID	ISO/IEC 18000-2

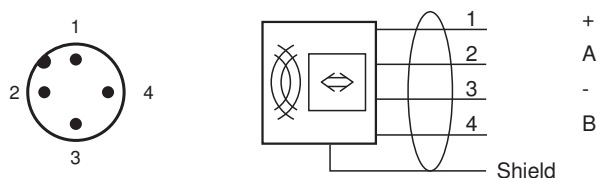
Ambient conditions

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: $\geq 100 \text{ mm}$ Multiplex off: $\geq 550 \text{ mm}$
Mass	approx. 380 g

Connection



Accessories

	IC-KP-B6-V15B	Control interface unit IDENTControl with PROFIBUS DP interface
	IC-KP-B17-AIDA1	IDENTControl control interface with Ethernet interface for TCP/IP, PROFINET, EtherNet/IP, and MODBUS TCP protocols
	IC-KP2-2HRX-2V1	Control interface unit IDENTControl Compact with serial interface RS-232 and RS-485
	IC-KP2-2HB6-V15B	Control interface unit IDENTControl Compact with interface for PROFIBUS DP
	IC-KP2-2HB17-2V1D	IDENTControl Compact control interface with Ethernet interface for TCP/IP, PROFINET, EtherNet/IP, and MODBUS TCP protocols

Accessories

	IC-KP2-2HB21-2V1D	Control interface unit IDENTControl Compact with EtherCAT interface
	IPC02-12 50pcs	Code carrier
	IPC02-26-T6 10pcs	Code carrier
	IPC02-50P	Code carrier
	IPC03-C1 10pcs	Data carrier
	IPC03-12.4 10pcs	Data carrier
	IPC03-30P	Data carrier
	IPC03-50P	Data carrier
	IPC03-58	Data carrier
	V1-G-2M-PUR-ABG-V1-W	Connecting cable, M12 to M12, PUR cable 4-pin, shielded
	V1-G-5M-PUR-ABG-V1-W	Connecting cable, M12 to M12, PUR cable 4-pin, shielded
	V1-G-10M-PUR-ABG-V1-W	Connecting cable, M12 to M12, PUR cable 4-pin, shielded