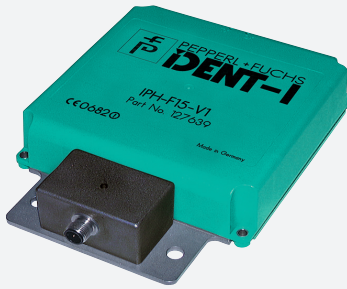


Read/write head

IPH-F15-V1

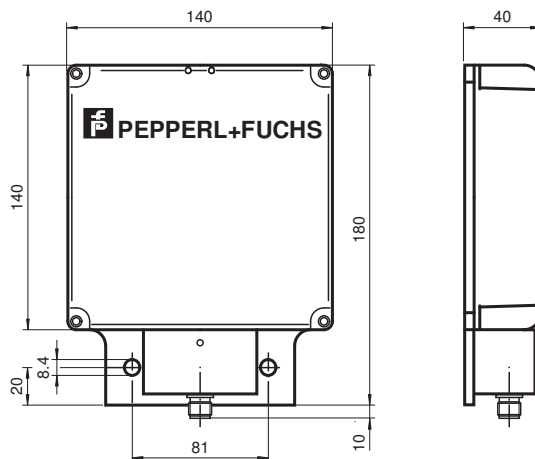


- Dual-LED for function display
- Connection via V1 (M12 x 1) plug connection
- Degree of protection IP67
- Including robust stainless steel mounting plate with only 2 mounting points

LF read/write head for IDENTControl



Dimensions



Technical Data

General specifications			
Operating frequency		125 kHz	
Transfer rate		2 kBit/s	
Sensing range			
Read distance		2 ... 155 mm	
Write distance		2 ... 140 mm	
Width		145 mm	
Operating distance		maximum: 140 mm	
UL File Number		E87056 only from low voltage, limited energy source (SELV or PELV) or listed Class 2 source	
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	≤ 1.2 W	
Supply		from the IDENTControl	

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

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PEPPERL+FUCHS

Technical Data

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)	EN 50581
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Standard conformity

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

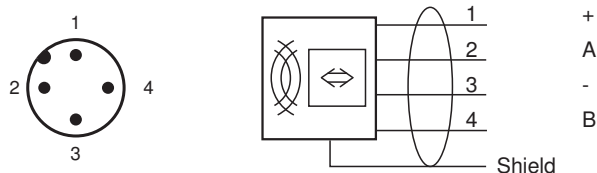
Ambient conditions

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/stainless steel/aluminum
Encapsulation compound	Fermadur
Installation	
Distance between two heads	Multiplex on: ≥ 180 mm Multiplex off: ≥ 1100 mm
Mass	approx. 1200 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
	IC-KP2-2HB21-2V1D	Control interface unit IDENTControl Compact with EtherCAT interface

Accessories

	IPC02-26-T6 10pcs	Code carrier
	IPC02-50P	Code carrier
	IPC03-C1 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

Safety Information

**Warning!**

Hot surfaces

Be careful not to burn your fingers when handling the device! After shutting down the device, wait at least half an hour before handling the device.