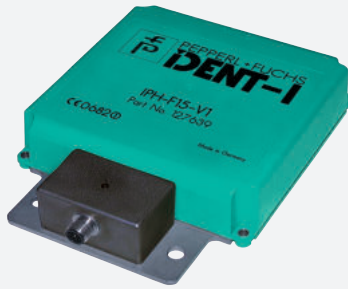


RFID read/write device

IPH-F15-V1

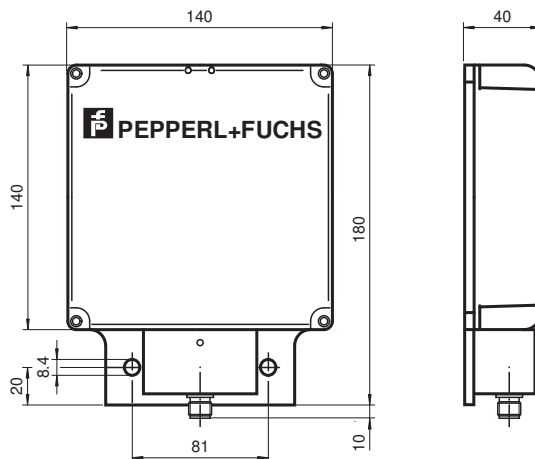


- Dual-LED for function display
- Connection via V1 (M12 x 1) plug connection
- Degree of protection IP67
- Including robust stainless steel mounting plate with only 2 mounting points

LF RFID read/write device 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
Directive conformity		

Release date: 2023-08-08 Date of issue: 2023-08-08 Filename: 127639_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

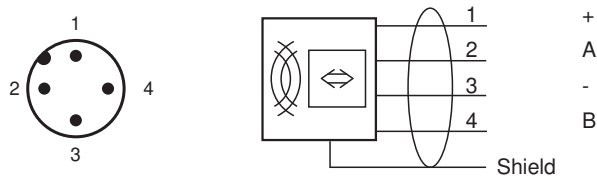
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

 **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		
Housing length		190 mm
Housing width		140 mm
Housing height		40.5 mm
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



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

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 Compactwith serial interface RS-232 and RS-485
	IC-KP2-2HB6-V15B	Control interface unit IDENTControl Compact with interface for PROFIBUS DP

Accessories

	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
	IPC02-26-T6 10pcs	Code carrier
	IPC03-C1 10pcs	Data carrier
	IPC03-30P	Data carrier
	IPC03-58	Data carrier
	V1-G-2M-PUR-ABG-V1-W	Cordset M12 socket straight to M12 plug angled A-coded, 4-pin, PUR cable grey, shielded
	V1-G-5M-PUR-ABG-V1-W	Cordset M12 socket straight to M12 plug angled A-coded, 4-pin, PUR cable grey, shielded
	V1-G-10M-PUR-ABG-V1-W	Cordset M12 socket straight to M12 plug angled A-coded, 4-pin, PUR cable grey, shielded
	IPC03-50P	Data carrier
	IPC02-50P	Code carrier
	IPC02-12 50pcs	Code carrier