Dimensions

Electrical connection

1	+
2	A
3	-
4	B
	Shield

Model Number

IPH-F15-V1

LF read/write head for IDENT*Control*

Features

- 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
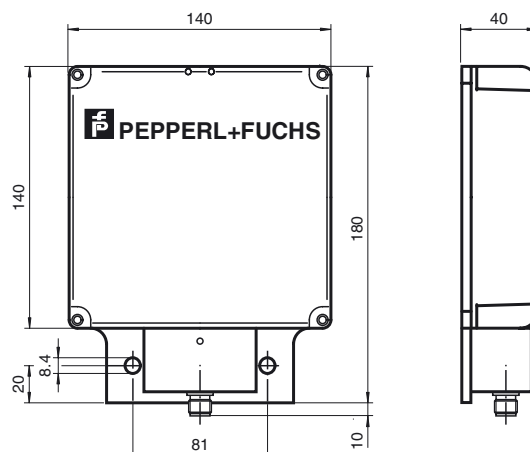
Accessories

V1-G-5M-PUR-ABG-V1-W
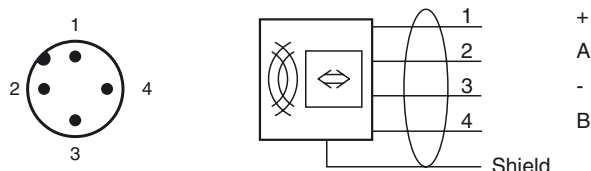
Connecting cable, M12 to M12, PUR cable 4-pin, shielded

V1-G-10M-PUR-ABG-V1-W

Connecting cable, M12 to M12, PUR cable 4-pin, shielded

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	
Radio and telecommunication terminal equipment	
Directive 2014/53/EU	EN 301489-1 V1.8.1 (2008-04), EN 301489-3 V1.4.1 (2002-08), EN 300330 V2.1.1 (2017), EN 60950-1:2006
Standard conformity	
Electromagnetic compatibility	EN 61326
Degree of protection	EN 60529
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	M12 x 1 connector
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

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

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1

⚠️ **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.

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

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