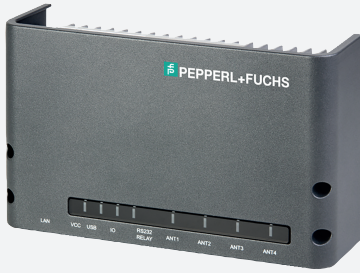


RFID read/write device

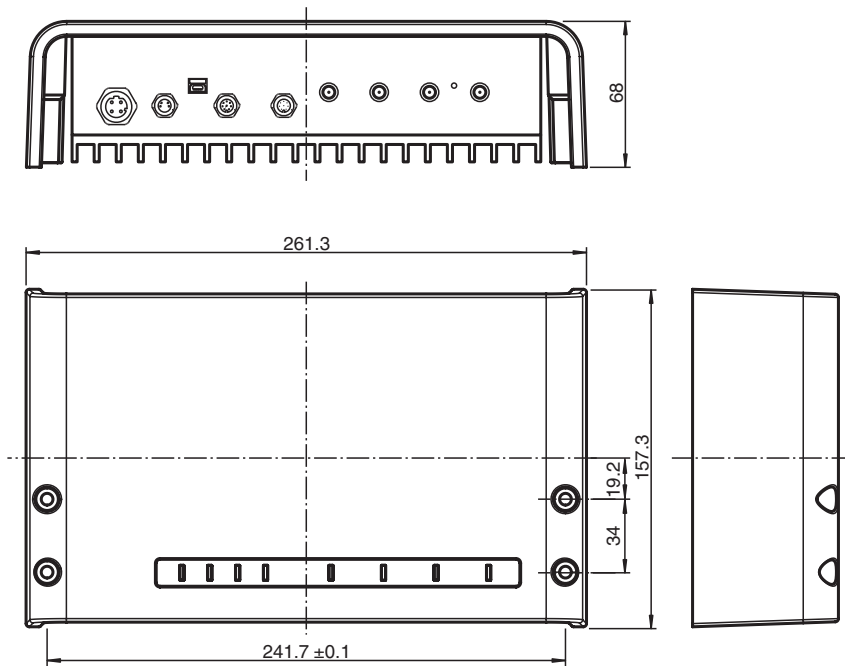
IUR-F800-V1D-4A-FR2-10



- Integrated multiplexer
- Multi-tag reading of up to 200 tags increases productivity
- Sturdy housing, suitable for rough industrial use

RFID read/write device UHF for connecting external antennas, Australia

Dimensions



Technical Data

General specifications

Operating frequency	920 MHz ... 926 MHz: Australia Transmission licenses for other countries on request
Operating distance	max. 12 m

Nominal ratings

Power Output	100 mW ... 2 W adjustable in 100 mW increments
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Indicators/operating means

LED indication	16 LEDs for displaying the operating and antenna status
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Electrical specifications

Operating voltage	U _B	24 V DC ± 20 %
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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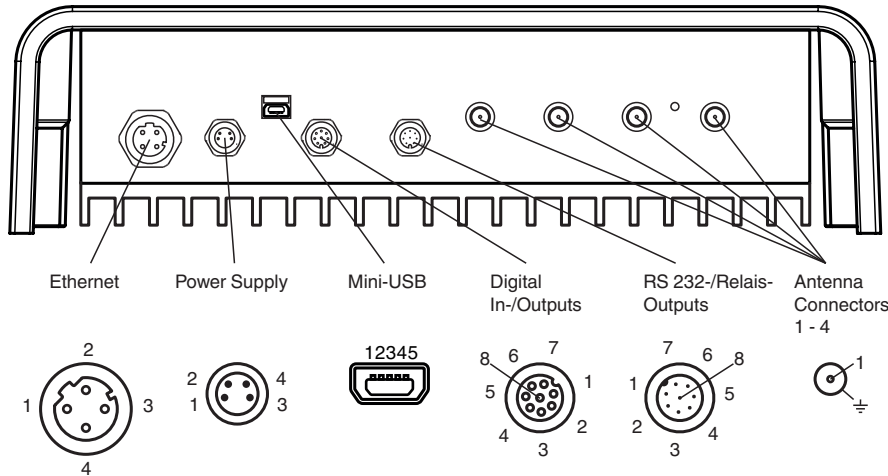
PF PEPPERL+FUCHS

Technical Data

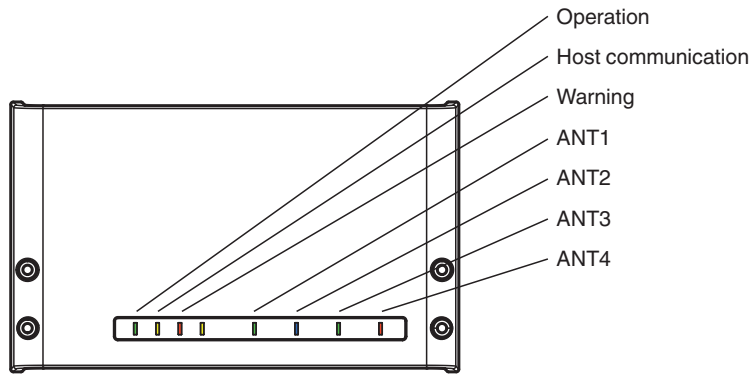
Power consumption	P ₀	24 VA
Interface		
Interface type	RS-232, Ethernet, USB (On-The-Go), Wiegand (Scan Mode Interface)	
Inputs		
Connection	M8 connector, 8-pin	
Input type	Optocoupler	
Number of inputs	2	
Input voltage	24 V DC	
Input current	20 mA	
Outputs		
Connection	M8 connector, 8-pin	
Output type	2 x optocouplers, 2 x relays	
Number of outputs	4	
Output voltage	24 V DC	
Output rated operating current	Optocoupler: 20 mA Relay: 1 A switching current, 2 A continuous load	
Standard conformity		
Degree of protection	IEC 60529	
RFID	ISO/IEC 18000-63	
Ambient conditions		
Ambient temperature	-40 ... 70 °C (-40 ... 158 °F)	
Storage temperature	-25 ... 85 °C (-13 ... 185 °F)	
Climatic conditions	Air humidity 5 ... 95 % , noncondensing	
Shock and impact resistance	Vibration (sine): 1 g, 10–150 Hz according to EN 60068-2-6 Shock (half-sine): 30 g according to EN 60068-2-27	
Mechanical specifications		
Housing length	68 mm	
Housing width	260 mm	
Housing height	157 mm	
Degree of protection	IP53, IP64 with protection cap	
Connection	Inputs/outputs: M8 connector, 8-pin Relay, RS-232: M8 connector, 8-pin Ethernet: M12 plug connection Voltage supply: M8 connector, 4-pin External antennas: 4 SMA sockets, 50 Ω USB interface: mini-USB socket	
Material		
Housing	powder coated aluminum	
Mass	approx. 1800 g	

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Connection



Indication



Accessories

	IUA-F830-FR2	UHF RFID antenna, 65° x 65° circular
	IUA-F860-FR2	UHF RFID antenna, 30° x 65° circular
	IUZ-MH800	Mounting aid
	V31-GM-BK*M-PUR-U	Female cordset single-ended M8 straight A-coded, 4-pin, PUR cable black, UL approved, drag chain suitable, torsion resistant
	V1SD-G-GN*M-PUR-E1S-V45-G	Ethernet bus cable M12 plug straight D-coded to RJ45 Ethernet-coded, 4-pin, PUR cable green, Cat5e, shielded, drag chain suitable
	IUK-SMA-*M-LL240F-FRNC-TNC	Adapter cable SMA plug straight to TNC plug straight, FRNC coaxial cable black, UV resistant
	V318-GM-BK*M-PUR-U2S	Female cordset single-ended M8 straight A-coded, 8-pin, PUR cable black, shielded

Release date: 2023-08-23 Date of issue: 2023-08-23 Filename: 70169019_eng.pdf

Accessories



V318S-GM-BK*M-PUR-U2S

Male cordset single-ended M8 straight A-coded, 8-pin, PUR cable black, shielded

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