



RFID read/write device IUT-F190-B40-2V1D-FR2-02

- Flexible UHF read/write device with medium detection range
- Ready-made PLC function blocks designed for quick and easy system integration
- Compact and robust housing for harsh industrial environments
- Switchable antenna polarization guarantees reliable tag detection and enhances process flow
- LED status indicator for bus communication and read/write station
- Network loop through by means of integrated 2 port switch
- Multi-tag reading increases productivity

UHF RFID read/write device, USA, Canada and Mexico





Function

The compact read/write device IUT-F190-B40-2VD1-* operates in the UHF frequency range and is optimized for industrial use over medium distances. The device writes and reads passive transponders according to EPC Gen2 (ISO/IEC 18000-63). The read/write device complies with the respective local radio regulations.

Extensive possibilities for data filtering are supported. The read/write device has an ethernet interface and is connected via an M12 connector. The user can monitor the status of the read/write device using the integrated LEDs.

The user can monitor the status of the read/write device using the integrated LEDs.

The read/write device has a typical detection range of about 2 m, which is determined by the transponder used and can be adjusted by setting the transmission power. Further influencing factors are the mounting or installation for the specific application and the surrounding materials, especially metal. The separately specified read and write distances for the respective transponders have been determined in a test laboratory under ideal conditions. For the actual read and write distances under real conditions, the combination read/write device and transponder must be tested in the desired application.

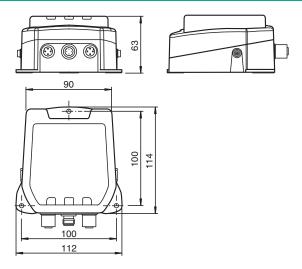
Application

This product is a wireless device and may be operated only in the country for which a transmission license exists. Information regarding transmission licenses can be found on the datasheet for the product. If a product is released to a customer in a country for which there is no transmission license, the product may be operated only in the country for which a transmission license exists.

If a product does not correspond to the legal requirements in force in the EU but is released to a purchaser within the EU, the product is intended for use solely in the destination country of the end customer outside of the EU for which a transmission license exists. The product may therefore under no circumstances be used directly by the purchaser or released to third parties for the purpose of distribution, application or use on the market within the EU as part of a commercial activity.

In the event of an infringement, the purchaser is obliged to indemnify the supplier against any resulting damages, costs, penalty payments and other expenses.

Dimensions



Technical Data

General specifications

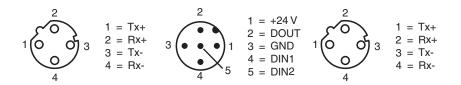
cause undesired operation. Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. IC approval This device complies with Industry Canada licence-exempt RSS standard(s) and wir part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et			
Operating distance typ. 2 m UL File Number E468231 MTBF 56 a (Operation at +40 °C) Indicators/operating means IED grade LED yellow Read/write operation successful LED Union Transmission mode LED Union green. relevance connection Rated operating voltage U. 20 30 V DC. PELV Ripple 2 10 W Current consumption \$ 500 mA Power consumption \$ 500 mA Power consumption \$ 10 W Surge protection \$ 10 W Interface 1 HTTP Physical Ethernet Protocol HTTP Interface 2 HTTP Physical Ethernet HTTP Etherheting <	Operating frequency		Other countries available on request
UL File Number MTBF 55 a (Operation at +40 °C) MITBF 75 a (Operation successful LED Unive Transmission mode 1 a (Operation at yellow) 2 a (Operation at yellow) 3 a (Operation at yellow) 3 a (Operation at yellow) 4 a (Operation at yellow) 5 a	Emitted power		3 1250 mW EIRP adjustable
MTBF MICLED relian LED yellow LED yellow LED blue Transmission mode LED LinkTraffic groen: network connection yellow flashes in rhythm with the transmitted data LED consumption ELD LinkTraffic Jecunic and the standard data LED consumption LED yellow LED blue Transmission mode Flagle LED LinkTraffic Jecunic and the standard data LED LinkTraffic Jecunic and yellow flashes in rhythm with the transmitted data LED LinkTraffic Jecunic and yellow flashes in rhythm with the transmitted data LED LinkTraffic LED LinkTraffic Jecunic and yellow flashes in rhythm with the transmitted data LED LinkTraffic LED LinkTr	Operating distance		, ••
LED green	UL File Number		E468231
LED green Power on Read/write operation successful Read/write operation successful Transmission mode LED Link/Traffic green: network connection yellow: flashes in rhythm with the transmitted data green. Network connection yellow: flashes in rhythm with the transmitted data green. Network connection yellow: flashes in rhythm with the transmitted data green. Network connection with the very consumption of the transmitted data green. Network connection with the very connection wi	MTBF		55 a (Operation at +40 °C)
LED fullow LED fullow LED fullow LED fullow LED fullow Serious instruction green: network connection yellow flashes in rhythm with the transmitted data green: network connection yellow flashes in rhythm with the transmitted data Electrical specifications Rated operating voltage U _v 20 30 V DC , PELV Ripple S10 % at 30 V DC Current consumption P ₀ S10 W Surge protection Surge protection Protection Surge protection Surge protection Protection Surge pro	ndicators/operating means		
LED Like LED Link/Traffic green. network commotion yealiow: flashes in rhythm with the transmitted data Certical specifications	· ·		
LED Link/Traffic green: network connection yellow: flashes in mythm with the transmitted data yellow: flashes yellow: fl	•		
Selectrical specifications			Transmission mode
Rated operating voltage Ua 20 30 V DC , PELV	LED Link/Traffic		
Ripple ≤ 10 % at 30 V DC Current consumption Po ≤ 500 mA Surge protection category 2 Interface 1 Physical Ethernet Protocol HTTP EtherNet/IP PROF/INET IO Transfer rate 10 MBit/s or 100 MBit/s Interface 2 Physical Ethernet Protocol HTTP EtherNet/IP PROF/INET IO Transfer rate 10 MBit/s or 100 MBit/s Interface 2 Physical Ethernet Protocol HTTP EtherNet/IP PROF/INET IO Transfer rate 10 MBit/s or 100 MBit/s Standard conformity Degree of protection EN 60529 RFID 10 SO/IEC 18000-63 Approvals and certificates FCC approval This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device carp any interference received, including interference that m cause undesired operation. Caution: Caution: Charges or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. IC approval IC approval IC approval IFI approval IFI approval IFI approval IFI approval Certificate PEPEILU2-25034 Radio approval Ambient temperature 250 × 70 × (4 ± 158 *F) (Operation with nontransmission periods, adjustable) and with part to official one in condition of conditions of the conditions of the conditions of the conditions of the condition of cond	•		
Current consumption Power con	Rated operating voltage	U_{e}	20 30 V DC , PELV
Power consumption P _C ≤ 10 W Surge protection category 2 Interface 1 Physical Ethernet Physical Ethernet Protocol HTTP EtherNet/IP PROFINET IO Transfer rate 10 MBit/s or 100 MBit/s Interface 2 Physical Ethernet Protocol HTTP EtherNet/IP PROFINET IO Transfer rate 10 MBit/s or 100 MBit/s Interface 2 Physical Ethernet Protocol HTTP EtherNet/IP PROFINET IO Transfer rate 10 MBit/s or 100 MBit/s Standard conformity Degree of protection E N 60529 RFID SO/IEC 18000-63 Approvals and certificates FCC approval This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device may not cause harmful interference, end (2) This device may not cause harmful operation. Charges or modifications not expressly approved by the party responsible for cause undesired operation. Charges or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. IC approval This device complies with Industry Caretal isonece-exempt RSS standard(s) and with 15 of the FCC Rules. Operation is subject to the following with 15 of the FCC Rules. Operation is subject to the following with 15 of the FCC Rules. Operation is subject to the following with 15 of the FCC Rules. Operation is subject to the following with 15 of the FCC Rules. Operation is subject to the following with 15 of the FCC Rules. Operation is subject to the following with 15 of the FCC Rules. Operation is subject to the following with 5 of the FCC Rules. Operation is subject to the following with 15 of the FCC Rules. Operation is subject to the following with 5 of the FCC Rules. Operation is subject to the following with 5 of the FCC Rules. Operation is subject to the following with 5 of the FCC Rules. Operation is subject to the following with 5 of the FCC Rules. Operation is subject to the following with 5 of the FCC Rules. Operation of the device. Le présent ap	Ripple		≤ 10 % at 30 V DC
Surge protection category 2 Interface 1 Ethernet Protocol Ethernet Protocol HTTP Ether Net/IP PROFINET IO PROFINET IO Transfer rate 10 MBit/s or 100 MBit/s Interface 2 ************************************	Current consumption		≤ 500 mA
Physical Ethernet Protocol Eth	Power consumption	P_0	≤ 10 W
Ethernet Protocol	Surge protection		category 2
Protocol HTTP EtherNet/IP PROFINET IO Transfer rate 10 MBit/s or 100 MBit/s Interface 2	nterface 1		
EtherNet/IP PROFINET IO Transfer rate 10 MBit/s or 100 MBit/s Interface 2 Physical Ethernet Protocol HTTP EtherNet/IP ProfProfINET IO Transfer rate 10 MBit/s or 100 MBit/s Standard conformity Degree of protection EN 60529 RFID ISO/IEC 18000-63 Approvals and certificates FCC approval Solution and Control Main Solution Solution and Control Main Solution So	Physical		Ethernet
Physical Ethernet Protocol Ethernet Protocol Ethernet HTTP PROFINET IO PROFINET IO PROFINET IO PROFINET IO IN MBit/s or 100 MBit/s Standard conformity Degree of protection EN 60529 RFID ISO/IEC 18000-63 Approvals and certificates FCC approval for the following two conditions: I This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: I This device enay not cause harmful interference, and (2) This device may not cause harmful interference enceived, including interference that me cause undesired operation. Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. IC approval Physical Ph	Protocol		EtherNet/IP
Ethernet	Transfer rate		10 MBit/s or 100 MBit/s
Protocol HTTP Etherket/IP PROFINET IO Transfer rate 10 MBit/s or 100 MBit/s Standard conformity Degree of protection EN 60529 RFID SO/IEC 18000-63 Approvals and certificates FCC approval This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device must accept any interference, and (2) This device must accept any interference received, including interference that m cause undesired operation. Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. IC approval IC approval IC approval IC (2) This device complies with Industry Canada licence-exempt RSS standard(s) and wip art 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device complies with Industry Canada licence-exempt RSS standard(s) and wip art 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device omplies with Industry Canada licence-exempt RSS standard(s) and wip art 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device omplies with Industry Canada licence-exempt RSS standard(s) and wip art 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions (1) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions et autorisée aux deux conditions et autorisée aux deux conditions (2) training are dioilélectrique subi, même le brouillage est susceptible d'en compromettre le fonction	nterface 2		
EtherNet/IP PROFINET IO Transfer rate 10 MBit/s or 100 MBit/s Standard conformity Degree of protection EN 60529 RFID ISO/IEC 18000-63 Approvals and certificates FCC approval Cause harmful interference, and (2) This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device must accept any interference received, including interference that make acuse undesired operation. Caution: Charges or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. IC approval IC approval This device complies with Industry Canada licence-exempt RSS standard(s) and wing rat 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device must accept any interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) truitisateur de l'appareil doit acceptre un brouillage radioélectrique subi, même le brouillage est susceptible d'en compromettre le fonctionnement. IET approval Certificate PEPEIU23-25034 Radio approval USA: Contains FCC IREIURF190 Canada: Contains 7037A-IURF190 Ambient conditions Classification Environmental condition A (controlled environment) Ambient temperature Environmental condition A (controlled environment)	Physical		Ethernet
Standard conformity Degree of protection RFID SO/IEC 18000-63 Approvals and certificates FCC approval This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that meause undesired operation. Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. IC approval This device may not cause interference, and (2) This device may not cause interference, and (3) this device may not on the party responsible for compliance could void the user's authority to operate the equipment. IC approval This device complies with Industry Canada licence-exempt RSS standard(s) and with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device must accept any interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industric Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil doit accepter tout brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même le brouillage est susceptible d'en compromettre le fonctionnement. IFT approval Certificate PEPEIU23-25034 Radio approval Ambient conditions Classification Environmental condition A (controlled environment) -20 70 °C (-4 158 °F) (Operation with nontransmission periods, adjustable) -20 50 °C (-4 122 °F) (Continuous transmission mode)	Protocol		EtherNet/IP
Degree of protection RFID SO/IEC 18000-63 Approvals and certificates FCC approval This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device may not cause harmful interference received, including interference that me cause undesired operation. Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. IC approval IC approval IC approval IC approval IC approval IC appareil in doit pas produire de brouillage, et (2) Ituliisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même le brouillage est susceptible d'en compromettre le fonctionnement. IFT approval Certificate PEPEIU23-25034 Radio approval Classification Environmental condition A (controlled environment) Ambient temperature Environmental condition A (controlled environment) Environmental condition on the condition and certificate in the following two conditions and particles are present and the following two conditions and controlled environment) Environmental condition A (controlled environment)	Transfer rate		10 MBit/s or 100 MBit/s
Approvals and certificates FCC approval This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device may not cause harmful interference received, including interference that me cause undesired operation. Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. IC approval This device complies with Industry Canada licence-exempt RSS standard(s) and with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device may not cause interference, and (2) this device must accept any interference, and (2) this device may not cause interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même le brouillage est susceptible d'en compromettre le fonctionnement. IFT approval Certificate PEPEIU23-25034 Radio approval USA: Contains FCC IREIURF190 Canada: Contains 7037A-IURF190 Ambient conditions Classification Environmental condition A (controlled environment) -20 70 °C (-4 158 °F) (Operation with nontransmission periods, adjustable) -20 50 °C (-4 122 °F) (Continuous transmission mode)	Standard conformity		
Approvals and certificates FCC approval This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that me cause undesired operation. Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. IC approval This device complies with Industry Canada licence-exempt RSS standard(s) and with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même le brouillage est susceptible d'en compromettre le fonctionnement. IFT approval Certificate PEPEIU23-25034 Radio approval USA: Contains FCC IREIURF190 Canada: Contains 7037A-IURF190 Ambient conditions Classification Environmental condition A (controlled environment) Ambient temperature -20 70 °C (-4 158 °F) (Operation with nontransmission periods, adjustable) -20 50 °C (-4 122 °F) (Continuous transmission mode)	Degree of protection		EN 60529
This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that me cause undesired operation. Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. IC approval This device complies with Industry Canada licence-exempt RSS standard(s) and with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device may not cause interference, and (2) this device may not cause interference, and (2) this device may not cause interference, and (3) this device may not cause interference, and (4) this device may not cause interference, and (5) this device may not cause interference, and (6) this device may not cause interference, and (7) this device may not cause interference, and (8) this device may not cause interference, and (9) the part of the p	RFID		ISO/IEC 18000-63
following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that me cause undesired operation. Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. IC approval This device complies with Industry Canada licence-exempt RSS standard(s) and with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device must accept any interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même le brouillage est susceptible d'en compromettre le fonctionnement. IFT approval Certificate PEPEIU23-25034 Radio approval Ambient conditions Classification Environmental condition A (controlled environment) Ambient temperature Perentant de l'expression periods, adjustable) -20 70 °C (-4 158 °F) (Operation with nontransmission periods, adjustable)	Approvals and certificates		
part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même le brouillage est susceptible d'en compromettre le fonctionnement. IFT approval Certificate PEPEIU23-25034 Radio approval USA: Contains FCC IREIURF190 Canada: Contains 7037A-IURF190 Ambient conditions Classification Environmental condition A (controlled environment) Ambient temperature -20 70 °C (-4 158 °F) (Operation with nontransmission periods, adjustable) -20 50 °C (-4 122 °F) (Continuous transmission mode)	FCC approval		following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that macause undesired operation. Caution: Changes or modifications not expressly approved by the party responsible for
Certificate PEPEIU23-25034 Radio approval USA: Contains FCC IREIURF190 Canada: Contains 7037A-IURF190 Ambient conditions Classification Environmental condition A (controlled environment) Ambient temperature -20 70 °C (-4 158 °F) (Operation with nontransmission periods, adjustable) -20 50 °C (-4 122 °F) (Continuous transmission mode)			(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même se
Radio approval USA: Contains FCC IREIURF190 Canada: Contains 7037A-IURF190 Ambient conditions Classification Environmental condition A (controlled environment) -20 70 °C (-4 158 °F) (Operation with nontransmission periods, adjustable) -20 50 °C (-4 122 °F) (Continuous transmission mode)	IFT approval		
Canada: Contains 7037A-IURF190 Ambient conditions Classification Environmental condition A (controlled environment) -20 70 °C (-4 158 °F) (Operation with nontransmission periods, adjustable) -20 50 °C (-4 122 °F) (Continuous transmission mode)			
Classification Environmental condition A (controlled environment) -20 70 °C (-4 158 °F) (Operation with nontransmission periods, adjustable) -20 50 °C (-4 122 °F) (Continuous transmission mode)	Radio approval		
Ambient temperature -20 70 °C (-4 158 °F) (Operation with nontransmission periods, adjustable) -20 50 °C (-4 122 °F) (Continuous transmission mode)			
-20 50 °C (-4 122 °F) (Continuous transmission mode)	Classification		,
Storage temperature -40 85 °C (-40 185 °F)	Ambient temperature		-20 50 °C (-4 122 °F) (Continuous transmission mode)
	Storage temperature		-40 85 °C (-40 185 °F)



Technical Data

Mechanical specifications				
Housing length	114 mm			
Housing width	112 mm			
Housing height	63 mm			
Degree of protection	IP67			
Connection	Power supply: M12 connector Protective earth: M4 earthing screw Ethernet: M12 plug connection			
Material				
Housing	PA 6.6			
Base	diecast aluminum			
Mass	820 g			

Connection Assignment



Safety Information

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Accessories

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	IUC77-25L100-GBL 1000pcs	RFID Transponder		
	IUC77-28L90-M-FR2 25pcs	RFID Transponder		
•	IUC77-34-M-FR2 10pcs	RFID Transponder		
	IUC77-50-FR2 10pcs	RFID Transponder		
9	IUC87-F257-T17-M-FR2 10 pcs	Tag for standard applications		
• •	IUC87-F257-T18-M-FR2 10 pcs	Tag for paint shop applications		
9	IUC87-F257-T19-M-FR2 10 pcs	Tag for autoclave applications		
	IUZ-MH13	Mounting bracket for wall mounting		
	IUZ-MH15	Mounting aid for round steel ø 12 mm or sheet 1.5 mm 3 mm		

Accessories V15-G-*M-PUR-ABG Female cordset single-ended M12 straight A-coded, 5-pin, PUR cable grey, shielded 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