Manual
IDM160-D-1D-J1-SU-N-N0
IDM160-D-1D-J1-SU-P-N0
IDM260-D-2D-J1-S1-N-N0

Wired handheld scanner for use in explosion-hazardous areas Zone 1/21

Your automation, our passion.

PEPPERL+FUCHS

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1. Important Notes About The Instruction Manual

1.1.Safety Information

This document contains symbols to identify warning messages and information messages.

Warning messages

You always find warning messages whenever hazards could result from your actions. It is essential that you observe these warning messages to ensure your personal safety and to prevent property damage.

Warning messages are shown in descending order according to the risk level, as follows:

DANGER!

This symbol warns you of an immediate and present danger.

If you do not observe this warning message, there is a risk of personal injury and even death.

WARNING!

This symbol warns you of a potential fault or hazard.

If you do not observe this warning message, there is a risk of personal injury or severe property damage.

CAUTION!

This symbol warns you of a potential fault.

Failure to observe this warning message may result in the product or any systems and plants connected to it malfunctioning or suffering a complete failure.

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Information messages

Note

This symbol draws your attention to important information.

Example

This symbol indicates an example.

Tip

This symbol indicates a tip is provided.

Action

This symbol highlights an action. You are prompted to perform an action or sequence of actions.

1.2.Notes About The Manual

Please read the manual carefully before initial commissioning.

The instruction manual contains important information on the function and safety regulations. If you do not observe this information, the intended use in explosion-hazardous areas cannot be guaranteed.

Observe the information given in this manual during commissioning and use of the product.

There is no responsibility for actuality. Pepperl+Fuchs GmbH reserves the right to make changes to this document.

Prior to use, make sure that you have the latest version of the user manual. Check the homepage www.pepperl-fuchs.com or contact your contact person at Pepperl+Fuchs for clarification.

The figures in this manual are for illustration purposes only, and may differ from the actual design in its appearance.

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DANGER!

Do not make any changes to the device that are not intended or been approved by Pepperl+Fuchs.

Improper handling of the handheld scanner can void the type approval to operate in explosion-hazardous areas.

Non-compliance excludes warranty claims.

Note

Information regarding programming from the SICK AG manual (www.SICK.com) is required for the full commissioning of the handheld scanner.

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1.3.General Warning Messages

WARNING!

- Only operate the devices when assembled.
- Do not clean the device in explosion-hazardous areas. Do not wipe it dry.
- Switch off the device immediately if you believe that the device can no longer be operated safely after damaging effects or abnormalities in general (ingress of water, fluids, exposure to temperatures outside the specified range etc.).
- Note general statutory regulations or directives on occupational safety, accident prevention regulations and environmental protection laws, e.g., Ordinance on Industrial Safety and Health (BetrSichV).
- Do not open the device.
- You may not make any changes to the device. You may not exchange or replace any components. Explosion protection is no longer guaranteed for non-specified components.
- Ensure safe handling during use through adequate stability and freedom of movement.
- Immediately remove the device from the explosion-hazardous area in the event of damage to the housing.
- IEC 60079-19 and IEC 60079-17 stipulate that you as the operator of electrical plants in explosion-hazardous areas are obligated to appoint an electrician to check that these plants are in perfect condition.
- Do not insert any objects into the housing or other openings of the handheld scanner. Openings on the device must not be obstructed, blocked, or covered.
- Dispose of the device and the associated components correctly, as required by law, by an approved company.

Note

- Note the relevant deployment and operational regulations for electrical plants, e.g., Directive 99/92/EC, Directive 2014/34/EU or the applicable national regulations, IEC 60 079-14, and the series DIN VDE 0100.
- As the operator, perform maintenance and repair work for the device properly in explosion-hazardous areas.

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WARNING!

Devices equipped with lasers comply with the standards US 21 CFR 1040.10 and EN 60825-1. The classification of the laser device is specified on a plate attached to the device. Class 1 laser devices are not considered to be hazardous under the intended use.

Nevertheless, do not look directly into the light source.

The following statement is required by American and international laws:

The use of control elements, adjustments, or the use of procedures that do not follow the instruction described here, may lead to hazardous radiation exposure.

Class 2 laser devices work with a visible low-voltage LED. As with any bright light source, such as the sun, the operator should not look directly into the light beam. A class 2 laser is considered harmless for short-term exposure.

Maintenance

No ongoing maintenance is required when the mounting instructions, the ambient conditions and proper operation are observed.

Inspection

The operator must appoint an electrician to check an electrically powered device in explosion-hazardous areas, to ensure it is in correct condition (IEC 60079-19 and IEC 60079-17).

Repairs

Repairs may only be performed by the manufacturer or persons commissioned and trained for this purpose.

WARNING!

The device is factory-sealed. It may be opened only by trained and qualified personnel at the factory.

Software installation

Instructions relating to software installation on the PC can be found in the SICK AG manual.

Commissioning

Before you put the device into operation, check whether all the necessary components are available.

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2. Technical data

2.1.Explosion protection

IDM160-D-1D-J1-*

II 2G Ex ib IIC T4 Gb
II 2D Ex ib IIIC T135°C Db

Ex ib IIC T4 Gb
Ex ib IIIC T135°C Db

IDM260-D-2D-J1-*

II 2G Ex ib IIB T4 Gb
II 2D Ex ib IIIC T135°C Db

Test certificate

IBExU 18ATEX1049

IECEx IBE 18.0008

Manufacturer

Pepperl+Fuchs GmbH
Lilienthalstraße 200
68307 Mannheim, Germany

info@de.pepperl-fuchs.com

2.2.Technical Data: Handheld Scanner

	IDM160-D-1D-J1-SU-N-N0	IDM160-D-1D-J1-SU-P-N0	IDM260-D-2D-J1-S1-N-N0
Description	Linear imager		2-D imager
Barcode	One-dimensional 1-D (barcode)	One-dimensional 1-D (Barcode and stack code incl. PDF417)	One-dimensional 1-D & 2-D (Barcode and stack code incl. PDF417)
Barcode types	Code 39, Code 39 Trioptic, Code 32, Code 93, Code 11, Codabar, Code 128, GS1-128 / EAN 128, UPC / EAN / JAN (with addition), MSI/Plessey, UK/Plessey, IATA, Interleaved 2 of 5, Standard and Industrial 2 of 5, Matrix 2 of 5, Telepen, GS1 DataBar, Australian Post, China Post, German Post, US Planet, US Postnet, British Post, Intelligent Mail, Japan Post, Korean Post, Dutch KIX Post		

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	IDM160-D-1D-J1-SU-N-N0	IDM160-D-1D-J1-SU-P-N0	IDM260-D-2D-J1-S1-N-N0
Stack codes	-	PDF417, MicroPDF417, Code 49, Code 16K, Composite, Codablock F	
2-D code types	-		Data Matrix, QR-Code, MicroQR-Code, Aztec, MaxiCode
Light source	LED, visible red light, 630 nm		
Scan frequency	500 Hz		60 Hz
Reading distance	20 mm to 850 mm		30 mm to 160 mm
Code resolution (code-dependent)	Approx. ≥ 0.076 mm		Approx. ≥ 0.13 mm
Immunity to extraneous light	100,000 lx		
Electrical data			
Interfaces	RS232 / RS422 / USB		RS232
Feedback			
Visual	2x LED (operating state/read confirmation)		
Acoustic	Beeper / buzzer (can be switched off)		
Ambient conditions			
Shock resistance	50 drop tests on concrete from a height of 2 m		
Operating temperature	-20 °C to +50 °C		
Storage temperature	-30 °C to +70 °C		-40 °C to +70 °C
Relative humidity	95 % non-condensing		
Mechanical data			
Degree of protection	IP65		
Dimensions [W x H x D]	104 mm x 185 mm x 76 mm		
Weight	Approx. 200 g without connection cable		

2.3.Use

The handheld scanner is a piece of handheld apparatus.

It enables portable recording and direct data transfer in explosion-hazardous areas. The device is specifically modified for use in explosion-hazardous areas of zone 1 and zone 21.

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3. System Structure

3.1.Overview

The wired handheld scanners and their accessories are presented in the following overview. The handheld scanners can be connected to a Pepperl+Fuchs VisuNet operator workstation. Connection can be either via the external power module or an integrated barrier (applies to VisuNet GXP). The data can be transferred via the network interface of the VisuNet operator workstation to a host PC in the safe area.

Alternatively, the handheld scanners can be connected to a PC or a programmable logic controller (PLC) with the associated power module and operated as "stand-alone" units.

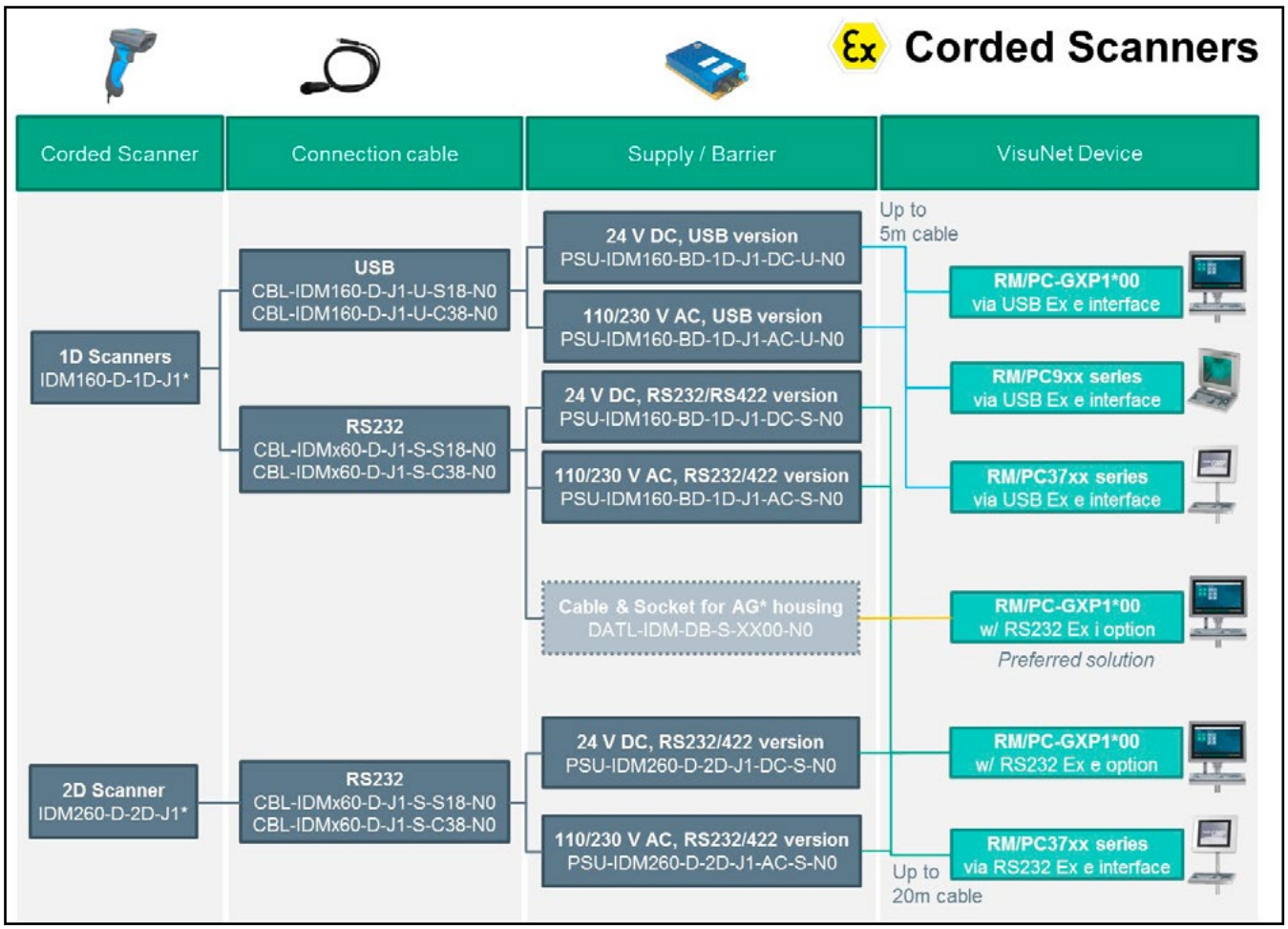

Figure 1. Wired handheld scanner and accessories

WARNING!

Wired handheld scanners may only be operated with the specified Pepperl+Fuchs connection cables!

Handheld scanners may only be operated on the specified Pepperl+Fuchs power modules/barriers!

The warning messages in this instruction manual and the SICK AG manual (www.SICK.com) must be observed!

In the following two subchapters, the typical usage cases are described in more detail.

3.2.IDM160-D-1D-J1-* System Structure 1

Overview of the complete system structure 3: wired 1-D handheld scanner IDM160-D-1D-J1-SU-N-N0 and IDM160-D-1D-J1-SU-P-N0 connected to the power module and a host PC in the safe area.

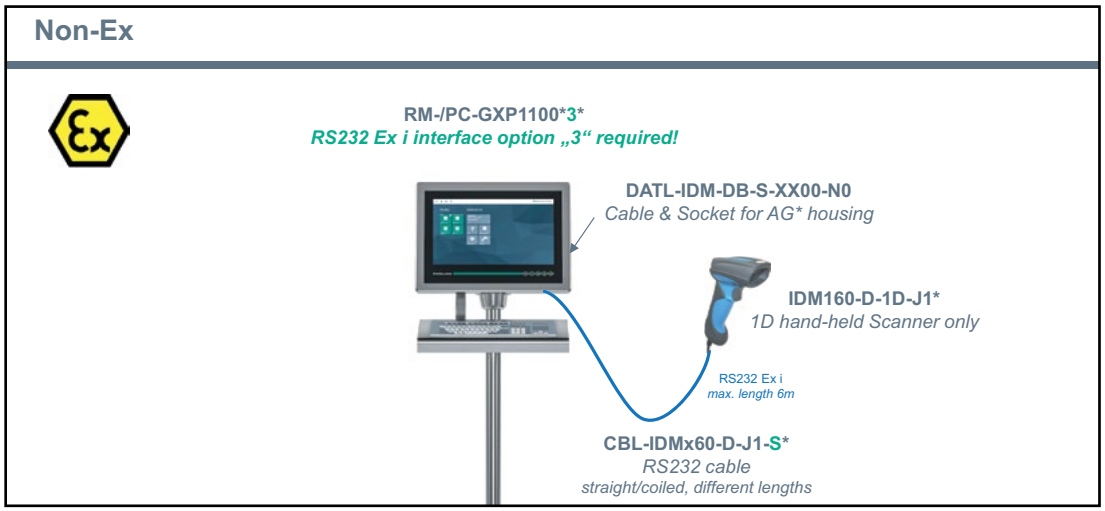

Figure 2. System structure 1—1-D handheld scanner connected to RS232 Ex i interface GXP

Description:

The handheld scanner is designed to be used in explosion-hazardous areas. For proper operation in explosion-hazardous areas, the permissible RS232 cordsets CBL-IDMx60-D-J1-S* must be used. The intrinsically safe power supply and data transfer is realized via this cable. An accessory cable DATL-IDM-DB-S-XX00-N0 is required for a connection to the VisuNet GXP in the AG-XX00 housing. This provides the housing feedthrough and has a connection socket that fits the scanner connection cable.

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Note

The integrated barrier of the VisuNet GXP supports only the RS232 variant of the wired 1-D handheld scanner.

3.3.IDM160-D-1D-J1-* System Structure 2

Overview of the complete system structure 2, wired 1-D handheld scanner IDM160-D-1D-J1-SU-N-N0 and IDM160-D-1D-J1-SU-P-N0 connected to the power module and the USB Ex e interface of the VisuNet GXP.

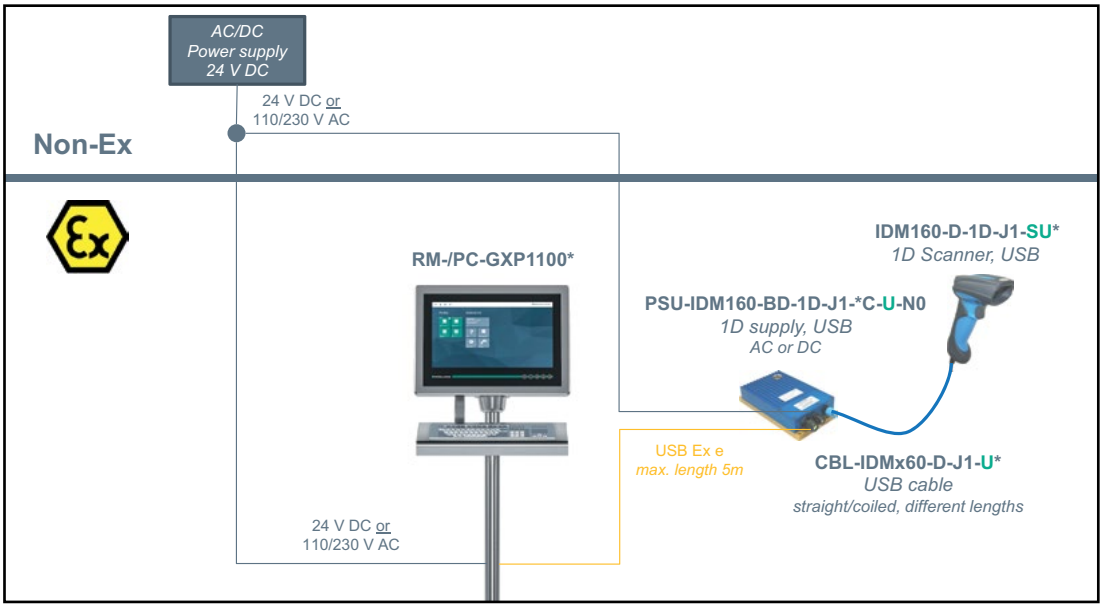

Figure 3. System structure 2—1-D handheld scanner connected to the power module and the USB Ex e interface GXP

Description:

The handheld scanner is designed to be used in explosion-hazardous areas. For proper operation in explosion-hazardous areas, the permissible USB cordsets CBL-IDMx60-D-J1-U* must be used. The intrinsically safe power supply and data transfer is realized via this cable. The connection in this structure uses the power module PSU-IDM160-BD-1D-J1-*C-U-N0, which is connected to the USB Ex e interface of the VisuNet GXP or another VisuNet operator workstation. Data communication is via the USB Ex e interface, while the handheld scanner is powered by the power module and the external power supply is intrinsically safe.

External power module connection lines:

Data cables	USB: 0.2 mm² – 2.5 mm², 4-core
	RS232: 0.2 mm² – 2.5 mm², 3-core
Supply line	0.2 mm² – 2.5 mm², 3-core

(see accessories in the appendix)

The handheld scanner and the power module may be connected and used in explosion-hazardous areas. The current rating of the connection line must be observed.

Note

With the USB-interface version, the maximum total cable length between the host—e.g., VisuNet GXP or host PC in the safe area—and the handheld scanner is limited to 5 m! This includes the scanner cable CBL-IDMx60-D-J1-U*.

3.4.IDM160-D-1D-J1-* System Structure 3

Overview of the complete system structure 3: wired 1-D handheld scanner IDM160-D-1D-J1-SU-N-N0 and IDM160-D-1D-J1-SU-P-N0 connected to the power module and a host PC in the safe area.

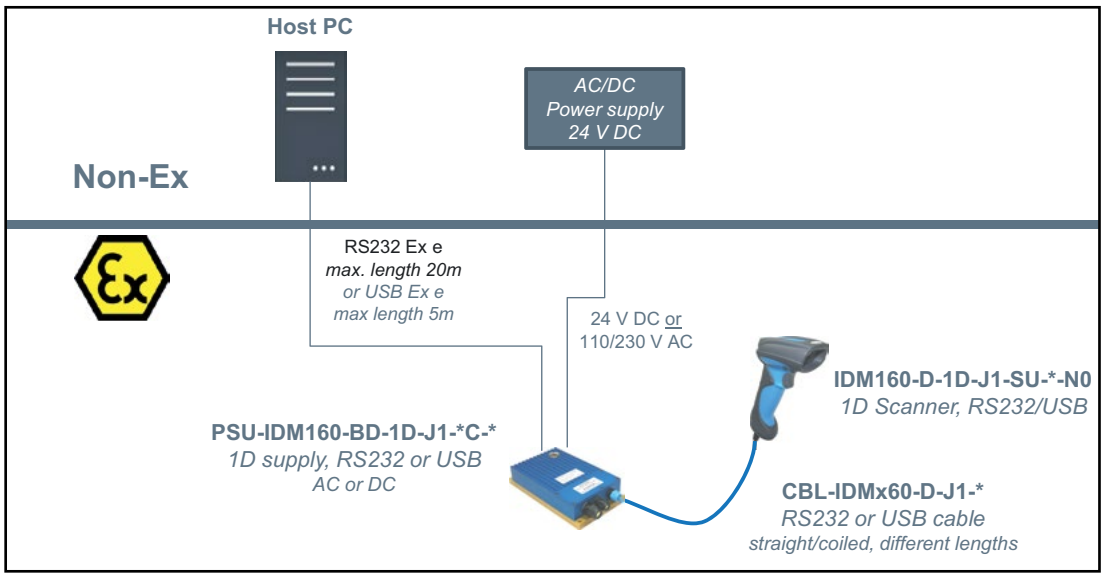

Figure 4. System structure 3—1-D scanner connected to power module and host PC in the safe area

Description:

The handheld scanner is designed to be used in explosion-hazardous areas. For proper operation in explosion-hazardous areas, the permissible USB cordsets CBL-IDMx60-D-J1-U* / RS232 cordsets CBL-IDMx60-D-J1-S* must be used. The intrinsically safe power supply and data transfer is realized via this cable. The connection in this structure uses the power module PSU-IDM160-BD-1D-J1-*, which is connected to the communication interface (USB/RS232) of the host PC in the safe area. Data communication is via the USB/RS232 interface, while the handheld scanner is powered by the power module and the external power supply is intrinsically safe.

External power module connection lines:

Data cables	USB: 0.2 mm² – 2.5 mm², 4-core
	RS232: 0.2 mm² – 2.5 mm², 3-core
Supply line	0.2 mm² – 2.5 mm², 3-core

(see accessories in the appendix)

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The handheld scanner and the power module may be connected and used in explosion-hazardous areas. The current rating of the connection line must be observed.

Note

With the USB-interface version, the maximum total cable length between the host—e.g., VisuNet GXP or host PC in the safe area—and the handheld scanner is limited to 5 m! This includes the scanner cable CBL-IDMx60-D-J1-U*.

3.5.IDM260-D-2D-J1-S1-N-N0 System Structure 1

Overview of the complete system structure 1, wired 2-D handheld scanner IDM260-D 2D-J1-S1-N-N0 connected to the power module and the RS232 Ex e interface of the VisuNet GXP.

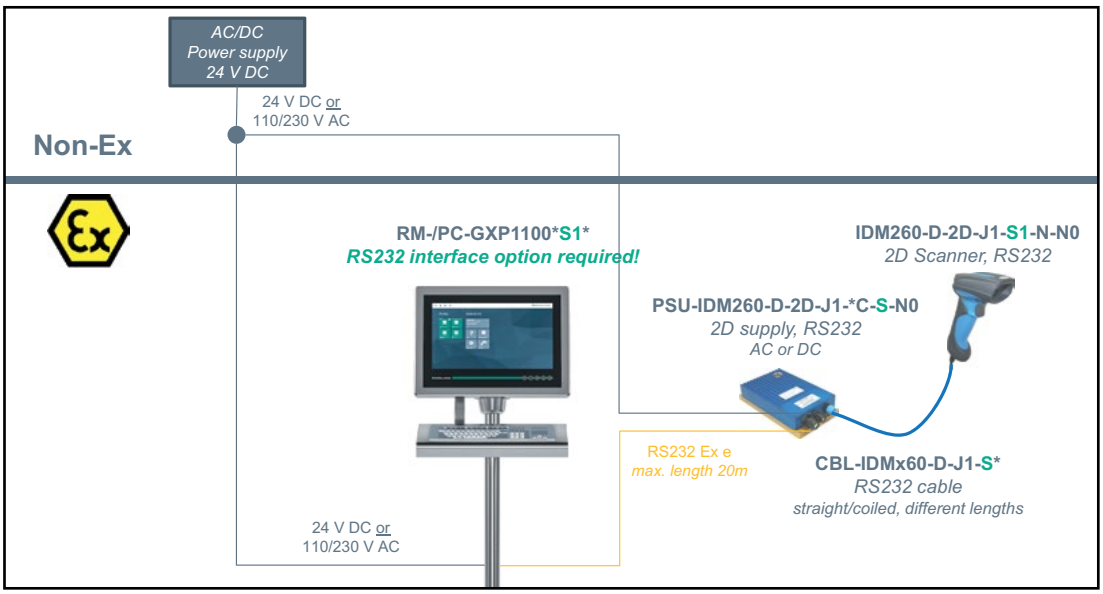

Figure 5. System structure 1—2-D handheld scanner connected to the power module and the RS232 Ex e interface GXP

Description:

The handheld scanner is designed to be used in explosion-hazardous areas. For proper operation in explosion-hazardous areas, the permissible RS232 cordsets CBL-IDMx60-D-J1-S* must be used. The intrinsically safe power supply and data transfer is realized via this cable. The connection in this structure uses the power module PSU-IDM260-D-2D-J1-*C-S-N0, which is connected to the RS232 Ex e interface of the VisuNet GXP or another VisuNet operator workstation. Data communication is via the RS232 Ex e interface, while the handheld scanner is powered by the power module and the external power supply is intrinsically safe.

External power module connection lines:
Data cables RS232: 0.2 mm² – 2.5 mm², 3-core
Supply line 0.2 mm² – 2.5 mm², 3-core

(see accessories in the appendix)

The handheld scanner and the power module may be connected and used in explosion-hazardous areas. The current rating of the connection line must be observed.

3.6.IDM260-D-2D-J1-S1-N-N0 System Structure 2

Overview of the complete system structure 2: wired 2-D handheld scanner IDM260-D-2D-J1-S1-N-N0 connected to the power module and a host PC in the safe area.

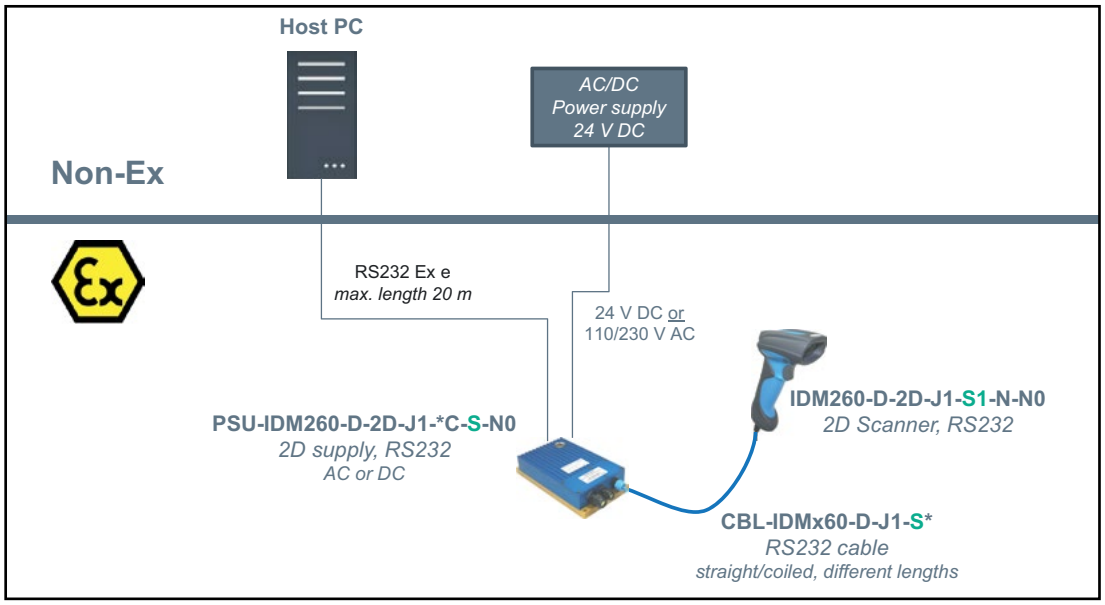

Figure 6. System structure 2—2-D scanner connected to power module and host PC in the safe area

Description:

The handheld scanner is designed to be used in explosion-hazardous areas. For proper operation in explosion-hazardous areas, the permissible RS232 cordsets CBL-IDMx60-D-J1-S* must be used. The intrinsically safe power supply and data transfer is realized via this cable. The connection in this structure uses the power module PSU-IDM260-D-2D-J1-*C-S-N0, which is connected to the RS232 communication interface of the host PC in the safe area. Data communication is via the RS232 interface, while the handheld scanner is powered by the power module and the external power supply is intrinsically safe.

External power module connection lines:
Data cables RS232: 0.2 mm² – 2.5 mm², 3-core
Supply line 0.2 mm² – 2.5 mm², 3-core

(see accessories in the appendix)

The handheld scanner and the power module may be connected and used in explosion-hazardous areas. The current rating of the connection line must be observed.

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4. Commissioning

4.1. Connection of the Wired Handheld Scanners

Connection of wired handheld scanners

1. Connect the RJ45 plug on the cable for connecting the handheld scanner to the power module at the bottom of the scanner. Make sure that they are properly connected.

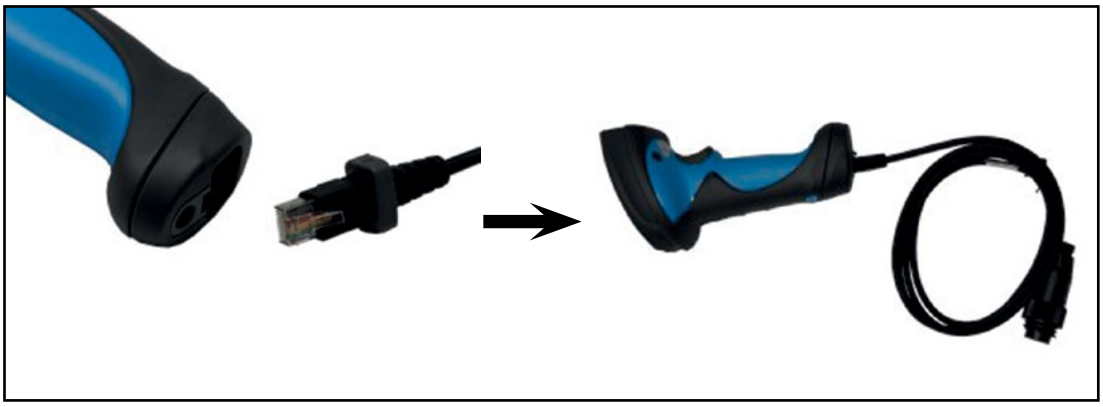

Figure 7.

2. Connect the plug on the cordset to the plug coupling on the power module. After plugging together, make sure that the connection is fully secured with the screw cap.

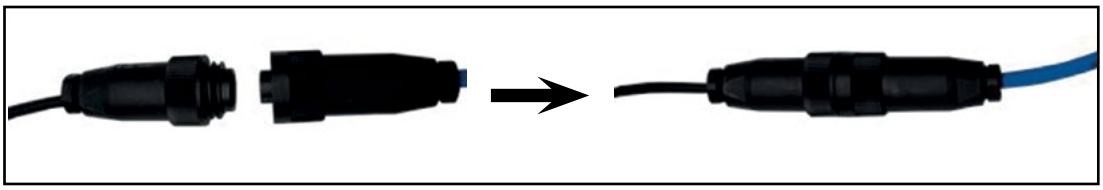

Figure 8.

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4.2. Power-Module Connection

Power-Module Connection

1. The terminal assignment is located under the unscrewable opening on the front of the power module.

DANGER!

Do not open the housing in the explosion-hazardous area

Before the device is put into operation in explosion-hazardous areas, it must be ensured that the housing is completely closed again and screwed on properly.

Only trained and qualified personnel may connect the cables.

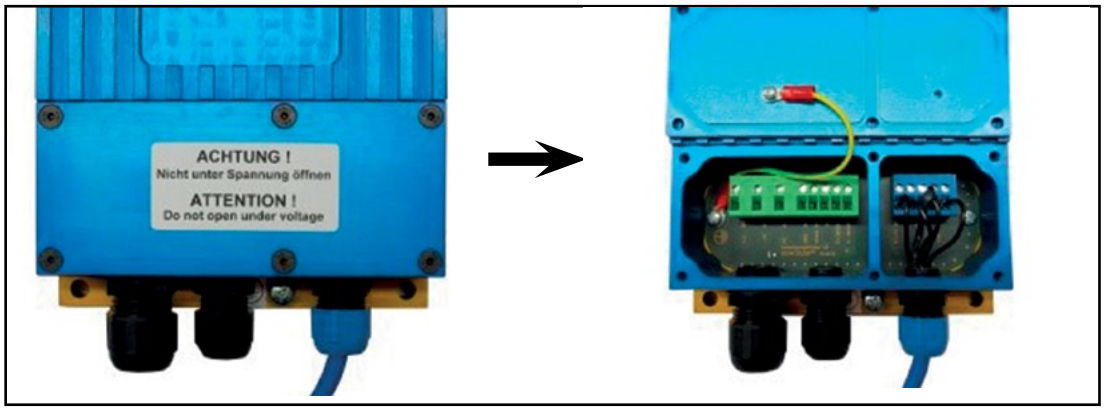

Figure 9. Power module terminal compartment

Connection of the Handheld Scanner to the Power Module RS232 via Connector - Plug/Coupling

The terminal assignment is located under the unscrewable opening on the front of the power module.

① **Ex e** terminal compartment to connect the power supply and the data line
② **Ex i** terminal compartment to connect the consumers (scanner)

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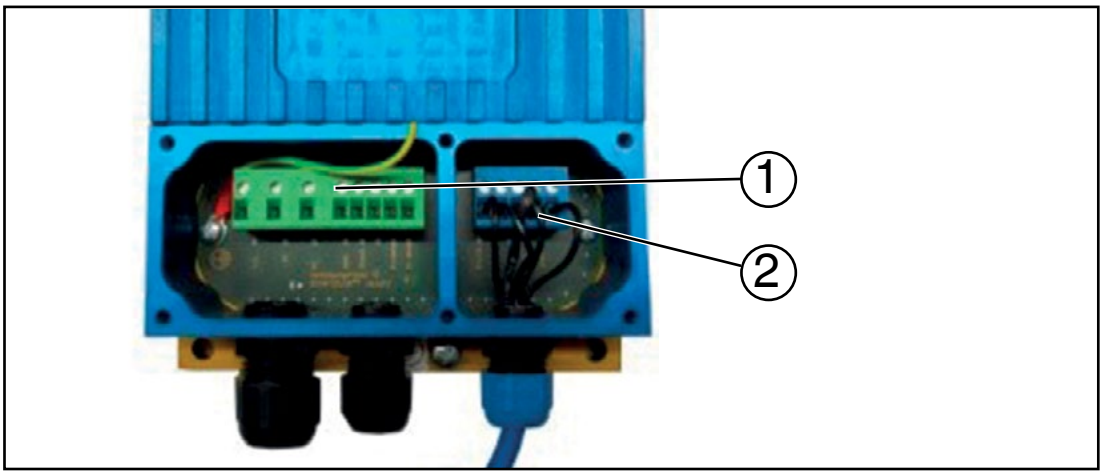

Figure 10. Power module terminal compartment

Base connection line RS232

The blue base connection cable is delivered pre-assembled with the power module PSU-IDM*. The cable consists of a M12 connector plug and a 3-core cable. The individual cores are numbered (printed on the core insulation) and must be connected as follows to the intrinsically safe terminals of the power module.

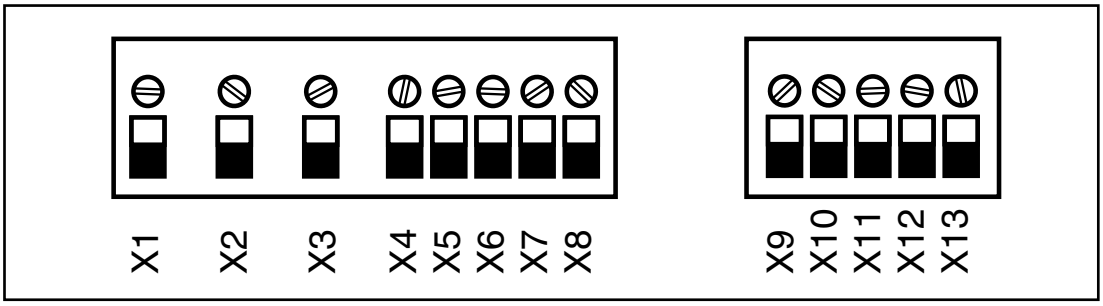

Figure 11. Terminal blocks in the terminal compartment

Connection of RS232 connection cable to power module

Assignment of pre-assembled connection coupling		Power module terminal compartment	
Pin	Core designation	Designation	Number
3	3	RxD	X9
		GND	X10
		PE	X11
2	2	GND	X12
1	1	+UB	X13

Direct Connection of the Handheld Scanner without a Plug/Coupling to the Power Module with RS232 Interface

The handheld scanner can be connected directly to the power module without using the blue connection cable.

The assignment of the serial handheld scanner cable is outlined in the following table

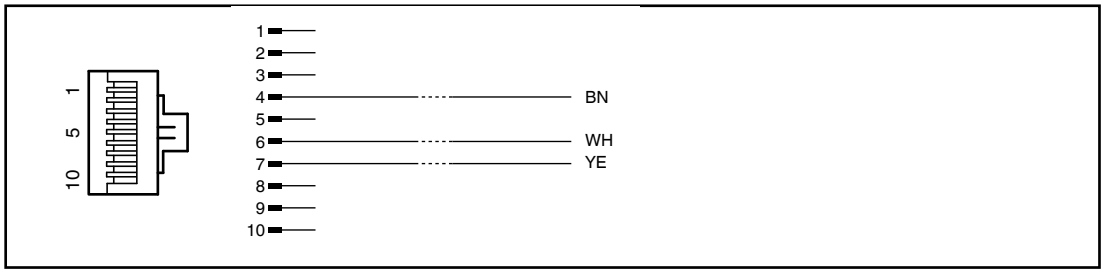

Figure 14. RJ45 plug—connection layout

Handheld scanner cordset

Cordset assignment		Power module terminal compartment	
RJ45 pinout	Strand color	Designation	Assignment
6	White	TxD	X9
			X10
			X11
4	Brown	GND	X12
7	Yellow	+UB	X13

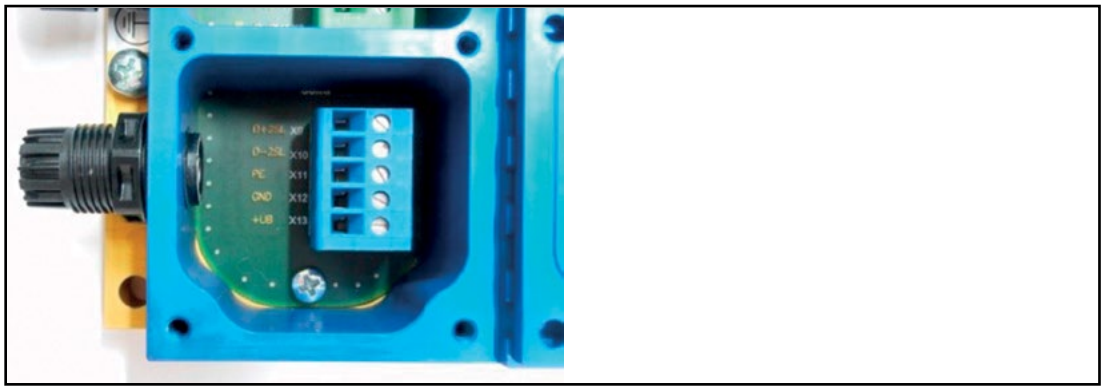

Figure 12. Intrinsically safe terminal compartment of the power module after removing the connector connection cores

Note

Information relating to programming from the SICK AG manual (www.SICK.com) is required for the complete commissioning of the handheld scanner.

Connection of the Handheld Scanner to the Power Module USB via Connector - Plug/Coupling

The terminal assignment is located under the unscrewable opening on the front of the power module.

① **Ex e** terminal compartment to connect the power supply and the data line
② **Ex i** terminal compartment to connect the scanner

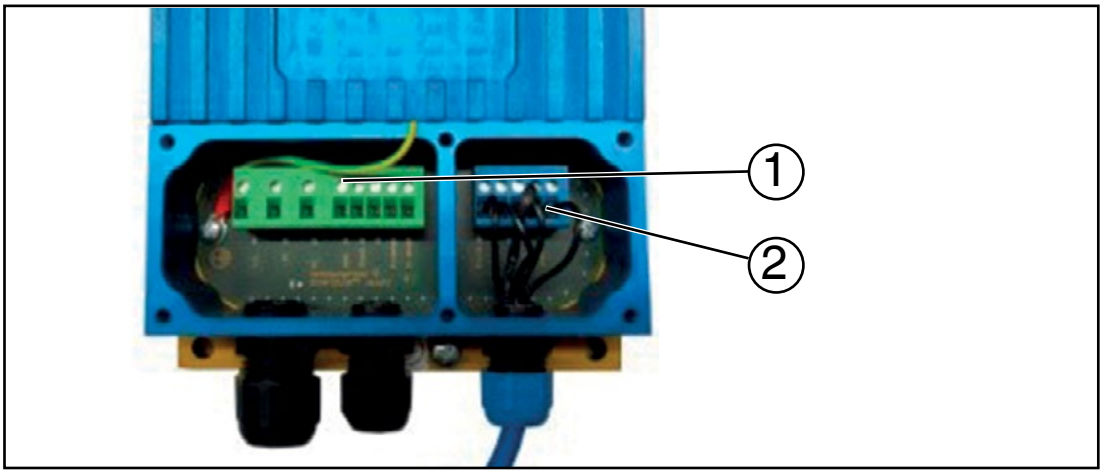

Figure 13. Power module terminal compartment

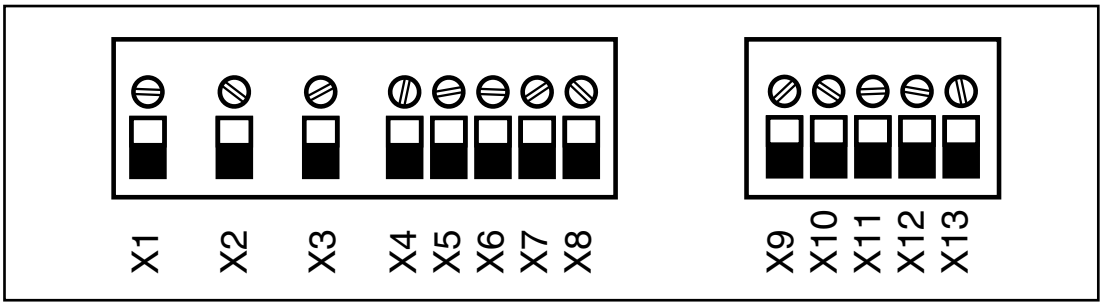

Figure 14. Terminal blocks in the terminal compartment

The blue connection cable is delivered preassembled with the power module PSU-IDM*. The cable consists of an M12 connector plug and a 4-core cable. The individual cores are numbered (printed on the core insulation) and must be connected as follows to the intrinsically safe terminals of the power module.

USB connection cable

Pinout of connector plug	
Pin	**Designation**
3	D+
2	D-
4	GND
1	+UB

Connection of USB connection cable to power module

Pre-assembled connection coupling		Terminal compartment	
Pin	Core	Designation	Number
3	3	D+	X9
2	4	D-	X10
		PE	X11
4	2	GND	X12
1	1	+UB	X13

Direct Connection of the Handheld Scanner without a Plug/Coupling to the Power Module with USB Interface

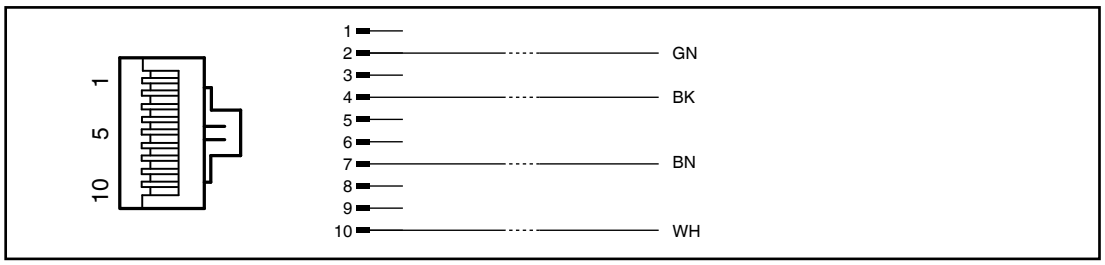

Figure 15. RJ45 plug—connection layout

Handheld scanner cordset

Cordset assignment		Power module terminal compartment	
RJ45 pinout	Strand color	Designation	Assignment
2	Green	D+2SL	X9
10	White	D-2SL	X10
			X11
4	Black	GND	X12
7	Brown	+UB	X13

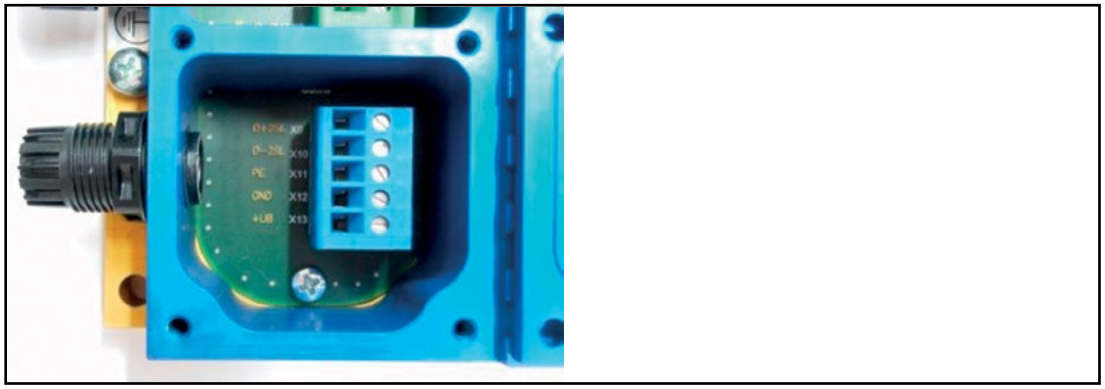

Figure 16. Intrinsically safe terminal compartment of the power module after removing the connector connection cores

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Note

Information relating to programming from the SICK AG manual (www.SICK.com) is required for the complete commissioning of the handheld scanner.

5. Accessories

Designation	Description
Wired handheld barcode scanner	
IDM160-D-1D-J1-SU-N-N0	Wired handheld scanner for 1-D codes ATEX & IECEx Zone 1/21
IDM160-D-1D-J1-SU-P-N0	Wired handheld scanner for 1-D codes ATEX & IECEx Zone 1/21 Supports PDF417 barcode
IDM260-D-2D-J1-S1-N-N0	Wired handheld scanner for 2-D codes ATEX & IECEx Zone 1/21
Wireless handheld barcode scanner	
IDM161-M-1D-J1-BT-N-N0	Bluetooth handheld scanner for 1-D codes ATEX & IECEx Zone 1/21
IDM161-M-1D-J1-BT-P-N0	Bluetooth handheld scanner for 1-D codes ATEX & IECEx Zone 1/21 Supports PDF417 barcode
IDM261-M-2D-J1-BT-N-N0	Bluetooth handheld scanner for 2-D codes ATEX & IECEx Zone 1/21
Base station/charging cradle	
IDMx61-B-J1-BT-N0	Bluetooth base station/charging cradle ATEX & IECEx Zone 1/21 For IDMx61 Bluetooth handheld scanner
IDMx61-B-N0-BT-N0	Bluetooth base station/charging cradle No explosion protection For IDMx61 Bluetooth handheld scanner
IDMx61-C-N0-BT-N0	Charging cradle No explosion protection For IDMx61 Bluetooth handheld scanner
Power module	
PSU-IDM160-BD-1D-J1-DC-S-N0	Power module for wired 1-D handheld scanner & Bluetooth base station ATEX & IECEx Zone 1/21 RS232 connection, 24 VDC For IDM160-D-1D-J1* and IDMx61-B-J1*
PSU-IDM160-BD-1D-J1-DC-U-N0	Power module for wired 1-D handheld scanner & Bluetooth base station ATEX & IECEx Zone 1/21 USB connection, 24 VDC For IDM160-D-1D-J1* and IDMx61-B-J1*</
PSU-IDM160-BD-1D-J1-AC-S-N0	Power module for wired 1-D handheld scanner & Bluetooth base station ATEX & IECEx Zone 1/21 RS232 connection, 230 VAC For IDM160-D-1D-J1* and IDMx61-B-J1*
PSU-IDM160-BD-1D-J1-AC-U-N0	Power module for wired 1-D handheld scanner & Bluetooth base station ATEX & IECEx Zone 1/21 USB connection, 230 VAC For IDM160-D-1D-J1* and IDMx61-B-J1*

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Designation	Description
PSU-IDM260-D-2D-J1-DC-S-N0	Power module for wired 2-D handheld scanner ATEX & IECEx Zone 1/21 RS232 connection, 24 VDC For IDM260-D-2D-J1*
PSU-IDM260-D-2D-J1-AC-S-N0	Power module for wired 2-D handheld scanner ATEX & IECEx Zone 1/21 RS232 connection, 230 VAC For IDM260-D-2D-J1*
PSU-IDMx61-BC-N0-N0	Power supply for non-explosion-hazardous base station & charger No explosion protection For IDMx61-B-N0-BT-N0 and IDMx61-C-N0-BT-N0
Cordset for wired handheld scanner/power module	
CBL-IDMx60-D-J1-S-S18-N0	RS232 connection cable wired 1-D/2-D handheld scanner ATEX & IECEx Zone 1/21 1.8 m length, smooth For IDMx60-D-*
CBL-IDMx60-D-J1-S-C38-N0	RS232 connection cable wired 1-D handheld scanner ATEX & IECEx Zone 1/21 1.8 m length, smooth For IDM160-D-*
CBL-IDM160-D-J1-U-S18-N0	USB connection cable wired 1-D handheld scanner ATEX & IECEx Zone 1/21 1.8 m length, smooth For IDM160-D-*
CBL-IDM160-D-J1-U-C38-N0	USB connection cable wired 1-D handheld scanner ATEX & IECEx Zone 1/21 3.8 m length, spiral For IDM160-D-*
Cordset for base station/power module	
CBL-IDMx61-B-N0-S-S18-N0	RS232 connection cable base station No explosion protection 1.8 m length, smooth For IDMx61-B-N0*
CBL-IDMx61-B-N0-S-C38-N0	RS232 connection cable base station No explosion protection 3.8 m length, spiral For IDMx61-B-N0*
CBL-IDMx61-B-N0-U-S18-N0	USB connection cable base station No explosion protection 1.8 m length, smooth For IDMx61-B-N0*
CBL-IDMx61-B-N0-U-C38-N0	USB connection cable base station No explosion protection 3.8 m length, spiral For IDMx61-B-N0*
CBL-IDMx61-B-J1-S-S18-N0	RS232 connection cable base station ATEX & IECEx Zone 1/21 1.8 m length, smooth For IDMx61-B-J1*

Designation	Description
CBL-IDMx61-B-J1-S-C38-N0	RS232 connection cable base station ATEX & IECEx Zone 1/21 3.8 m length, spiral For IDMx61-B-J1*
CBL-IDMx61-B-J1-U-S18-N0	USB connection cable base station ATEX & IECEx Zone 1/21 1.8 m length, smooth For IDMx61-B-J1*
CBL-IDMx61-B-J1-U-C38-N0	USB connection cable base station ATEX & IECEx Zone 1/21 3.8 m length, spiral For IDMx61-B-J1*
Accessories	
SCANNER-HOLDER-ID-Mx6x-TRIPOD	Tripod holder for IDMx6x handheld scanner
SCANNER-HOLDER-ID-Mx6x-DESKTOP	Desktop holder for IDMx6x handheld scanner
SCANNER-HOLDER-U1-AG1-N0	Stainless steel holder for IDMx6x handheld scanner, compatible with AG1 surrounding enclosure
SCANNER-HOLDER-U1-XX00-N0	Stainless steel holder for IDMx6x handheld scanner, compatible with AG-XX00 surrounding enclosure
HOLDER-BRACKET-XX00-IDMx61-B-N0	Stainless steel bracket for mounting the base station IDMx61-B-J1-BT-N0 to the AG-XX00 surrounding enclosure
BAT-IDMx61-M	Replacement battery li-ion For IDM161-M* and IDM261-M*
S-RN2/DB9-5-N0	RS232 cable with SUB-D9 plug (female) and open cable ends with wire end ferrules, 5 m length
S-RN2/DB9-20-N0	RS232 cable with SUB-D9 plug (female) and open cable ends with wire end ferrules, 20 m length
S-UN2/USB	USB cable with USB Type A plug (male) and open cable ends with wire end ferrules, 1 m length
DATL-IDM-DB-S-XX00-N0	Cordset for wired 1-D handheld scanner IDM160-D-1D-J1-S*, 2-D handheld scanner IDM260-D-2D-J1-S* and the Bluetooth base station IDMx61-B-J1-BT-N0 to VisuNet GXP in the AG-XX00 housing Note: supports RS232 scanner/base station only!
DATL-A3-1.5-1	Supply line for 90 – 240 VAC supply 3 x 1.5 mm^2, diameter 8.1 mm Assembly 6 x 1.5 mm^2 wire end ferrules

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