



## Base station for IDM-Z1-\* (Zone 1/21) IDM-Z1-x64-B-J1-BT-N0

- Base/charging station for IDM-Z1-x61-M-\* Bluetooth® handheld readers
- Certified for ATEX and IECEx Zone 1/21
- Bluetooth interface

Base station for IDM-Z1-\* (Zone 1/21)



### Function

IDM-Z1-x64-B-\* Bluetooth® base/charging stations are used with IDM-Z1-x64-M-\* handheld readers. Several connection cables are available as accessories for connectivity to Pepperl+Fuchs VisuNet HMI components. Additional models are available for non-hazardous areas.

### Technical Data

#### General specifications

Radio distance (in open air) max. 100 m

#### Electrical specifications

Operating voltage  $U_B$  4.9 V DC  
Current consumption 480 mA

#### Interface

Interface type Bluetooth V4.0 EDR , Class 1  
Electrical interfaces: RS-232 , USB  
Transmitter frequency 2.4 ... 2.4835 GHz (ISM band)

#### Directive conformity

Electromagnetic compatibility  
Directive 2014/30/EU EN 61000-6-2:2005 + AC:2005 , EN 61000-6-4:2007 + A1:2011  
Radio and telecommunication terminal equipment  
Directive 2014/53/EU EN 300328 V2.1.1:2016 , EN 301489-1 V2.2.0:2017 , EN 301489-17 V3.2.0:2017  
RoHS  
Directive 2011/65/EU (RoHS) EN 50581:2012

#### Conformity

Electromagnetic compatibility EN 60950-1:2006+A1:2010+A2:2013+A11:2009+A12:2011

#### Ambient conditions

Operating temperature -20 ... 50 °C (-4 ... 122 °F)  
Storage temperature -40 ... 70 °C (-40 ... 158 °F)  
Relative humidity 95 % non-condensing

#### Mechanical specifications

Degree of protection IP40

#### Data for application in connection with hazardous areas

EU-type examination certificate IBExU18ATEX1050  
IECEx IBE 18.0009

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

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## Technical Data

Marking	Zone 1/21 model: Ⓢ II 2G Ex ib IIB T4 Gb Ⓢ II 2D Ex ib IIIC T135°C Db
Directive conformity	
Directive 2014/34/EU	EN 60079-0:2018 EN 60079-11:2012
<b>General information</b>	
Supplementary information	Observe the certificates, declarations of conformity, instruction manuals, and manuals where applicable. For information see <a href="http://www.pepperl-fuchs.com">www.pepperl-fuchs.com</a> .

## Accessories

	<b>HOLDER-BRACKET-XX00-IDMx61-B-N</b>	Stainless steel bracket to mount IDM-Zx-x6x-B-Jx-BT-N0 base station to AG-XX00 housing
	<b>HOLDER-BRACKET-AG1-IDMx61-B-N0</b>	Stainless steel bracket to mount IDM-Zx-x6x-B-Jx-BT-N0 base station to AG1 housing
	<b>CBL-IDMx61-B-J1-S-C38-N0</b>	Accessory cable for IDM-Zx-x6x-M-* Bluetooth® handheld readers
	<b>CBL-IDMx61-B-J1-S-S18-N0</b>	Accessory cable for IDM-Zx-x6x-M-* Bluetooth® handheld readers
	<b>CBL-IDMx61-B-J1-U-C38-N0</b>	Accessory cable for IDM-Zx-x6x-M-* Bluetooth® handheld readers
	<b>CBL-IDMx61-B-J1-U-S18-N0</b>	Accessory cable for IDM-Zx-x6x-M-* Bluetooth® handheld readers
	<b>SK-IDM-Z1-x60-*</b>	Power supply for IDM-Z1-* handheld readers and base station
	<b>DATL-IDM-DB-S-XX00-N0</b>	1 m connector cable for corded handheld reader with M12 connector to open cable end
	<b>CBL-IDMx61-B-Jx-S-S07-N0</b>	Accessory cable for IDM-Zx-x6x-M-* Bluetooth® handheld readers
	<b>CBL-IDMx61-B-Jx-U-S07-N0</b>	Accessory cable for IDM-Zx-x6x-M-* Bluetooth® handheld readers