



Base station for IDM-Z2-* (Zone 2/22) IDM-Z2-x64-B-J2-BT-N0

- Base/charging station for IDM-Z2-x61-M-* Bluetooth® handheld readers
- Certified for ATEX and IECEx Zone 2/22
- Bluetooth interface

Base station for IDM-Z2-* (Zone 2/22)



Function

IDM-Z2-x64-B-* Bluetooth® base/charging stations are used with IDM-Z2-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 6.5 V DC

Current consumption 1.1 A

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

Explosion protection

Directive 2014/34/EU EN 60079-0:2018
EN 60079-11:2012

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

Supplementary standard conformity 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 IBExU19ATEXB016X
IECEx IBE 19.0026X

Release date: 2023-07-04 Date of issue: 2023-07-04 Filename: 70158522_eng.pdf

Technical Data

Marking	Zone 2/22 II 3G Ex ic IIC T4 Gc II 3D Ex ic IIIC T135°C Dc
General information	
Supplementary information	Observe the certificates, declarations of conformity, instruction manuals, and manuals where applicable. For information see www.pepperl-fuchs.com .

Accessories

	HOLDER-BRACKET-XX00-IDMx61-B-N	Stainless steel bracket to mount IDM-Zx-x6x-B-Jx-BT-N0 base station to AG-XX00 housing
	HOLDER-BRACKET-3200-IDMx61-B-N	Stainless steel bracket to mount IDM-Zx-x6x-B-Jx-BT-N0 base station to AG-3200 housing
	HOLDER-BRACKET-AG1-IDMx61-B-N0	Stainless steel bracket to mount IDM-Zx-x6x-B-Jx-BT-N0 base station to AG1 housing
	CBL-IDMx61-B-Jx-S-S07-N0	Accessory cable for IDM-Zx-x6x-M-* Bluetooth® handheld readers
	CBL-IDMx61-B-Jx-U-S07-N0	Accessory cable for IDM-Zx-x6x-M-* Bluetooth® handheld readers