

SD264BTIIlex Art. No. 343040



- Certified acc. to ATEX and IECEx for hazardous Zones 2, 22
- Bluetooth scanner
- 1D / 2D barcodes, stacked codes
- Scanner compatible with ORCA HMI device platform

MY R. STAHL IDMEXA



This IDM barcode scanner from R. STAHL is certified to ATEX and IECEx standards for Ex zones 2 and 22. It can read all standard 1D and 2D barcodes and stacked codes. Successful scanning is confirmed unambiguously: audibly with a beep, visually with an LED indicator, and via vibration. This explosion-proof device is fully tailored to industrial requirements, features a compact housing with IP65 protection and is extremely robust – it can withstand up to 50 drop tests from a height of 2 m onto concrete. The wireless Bluetooth scanner transmits the scanned data via Bluetooth.

Technical Data

General

Special version	Bluetooth wireless scanner
Version	two-dimensional imager scanner
Suitable with	ORCA with E-Box PRO (exclusively)
Barcode types	one- and two-dimensional 1D and 2D (barcode and stacked code) (PDF417)
Base loading station	SDx64BTIIlexBasis
WebCode	IDMEXA

Explosion Protection

Scope	EU (CE / ATEX) Global (IECEx)
IECEx gas explosion protection	Ex ic IIB T4 Gc
IECEx dust explosion protection	Ex ic IIIC T135°C Dc
ATEX gas explosion protection	II 3 G Ex ic IIB T4 Gc
ATEX dust explosion protection	II 3 D Ex ic IIIC T135°C Dc

Electrical Data

Power consumption DC	330 mA (standby 80 / 130 mA; peak 500 mA)
Bluetooth	Yes
Light source	Visible red light, 630nm
Scan frequency	60 Hz
Reader distance	30 ... 380 mm
Code resolution	approx. ≥ 0.13 mm (depending on the code)
Resistance to light interference	100 000 lx
Status LED	visual: 2 LEDs (operating status / read confirmation) audible: Beeper / buzzer (can be switched off) vibration

Ambient Conditions

Ambient temperature	-20 °C ... +50 °C
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Ambient Conditions

Storage temperature	-30 °C ... +70 °C
Relative humidity	±95 % , non-condensing
Shock resistance	50 drops from a height of 2 m onto a concrete surface

Mechanical Data

Dimensions (WxHxD)	104 mm x 185 mm x 76 mm
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Accessories

Base stations scanner

Art. No.

IDMx64-BT-Base-Z2 Base station for IDM264-BT-Z2 handheld scanner, Bluetooth, Zone 2, wireless access and charging station, charging in Zone 2	343141
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Battery

Art. No.

IDMx6x-BT-ex-LionX Replacement battery (Li ions) for IDMx6x-BT-ex	283128
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Connection cable

Art. No.

VB-IDMx6x-Base-HMI-USB-3.0m-Z2 Connection cable for IDMx64-BT-Base-Z2 base charging station, connection to ORCA via E-Box PRO, USB interface, cable length 3 m, straight, Binder connector	343169
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