



NODER MDB-R Proximity Reader

Datasheet |



 MIFARE DESFire[®], NFC[®] and Bluetooth[®]

 RS485

 Communication encryption

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MIFARE DESFire Proximity Reader with NFC® and Bluetooth®

Characteristics	
AVAILABLE VERSIONS	MDB-R (w) – for indoor installation MDB-R (z) – for outdoor installation
CONTROLLERS SUPPORT	NODER EE12 NODER EWE4 NODER EWE4-LCD Any Wiegand controller via external converter
COMMUNICATION INTERFACE	RS-485 (AES-256 encryption)
MOBILE CREDENTIALS SUPPORT	Yes, via NODER Mobile Access app for iOS and Android-based phones

Technical specifications	
SUPPORTED TECHNOLOGIES	MIFARE Classic® / MIFARE DESFire® / NFC® / Bluetooth®
OPERATING MODE	Read-only
READER-CONTROLLER DISTANCE	Up to 1000m for RS-485 (without power supply)
LED DIODES	Yes, RGB
BUZZER	Yes
KEYPAD	No
TAMPER	Yes, optical sensor for detecting separation from the wall and opening of the housing
COLOR	Default colour is black. Customisation options are available.
POWER SUPPLY	10-15V DC
POWER CONSUMPTION	Min. 70mA; max. 150mA
DIMENSIONS	<i>height x width x depth</i> 102 x 67.5 x 15.5 mm 102 x 67.5 x 35.5 mm with additional spacer
WEIGHT	105g for version (w) 125g for version (z)
OPERATING TEMPERATURE	-40°C - +65°C
INGRESS PROTECTION (IP)	IP65 for version (z) IP51 for version (w)
NORMS	CE, RoHs, EMC, LVD

Box contains
MDB-R Proximity Reader – 1pc Additional spacer – 1pc Mounting template – 1pcs Screws – 5pcs

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Personalization	
ST version	The default housing and front design is black. The ST version of the reader is available with a black body and a black matt front panel.
FLEX version	The housing and front are available in separate designs. Based on the RAL Classic colour chart. The Flex version is available in any of the 216 colours from the RAL Classic colour chart.
ARTEA version	The housing is available based on the RAL Classic colour chart. The front design is based on the HPL design chart. The Artea version is available in any of the 216 colours from the RAL Classic colour chart. The front of the reader is made of HPL.

We reserves the right to change the product specifications without prior notice.

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