


MDK-R Proximity reader

Datasheet



 EN60839-11-1 GRADE 4

 Wiegand protocol

 100mA current consumption

NODER S.A.
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www.noder.pl/en

MIFARE DESFire keypad reader

Characteristic	
AVAILABLE VERSIONS	MDK-R (w) – to indoor installation purposes only MDK-R (z) – to outdoor installation purposes only
CONTROLLERS COMPATYBILITY	NODER EE12 NODER EWE4 NODER EWE4-LCD
COMMUNICATION INTERFACE	RS-485 (AES-256 encryption)

Technical Specifications	
RFID STANDARDS	MIFARE Classic, MIFARE DESFire
WORKING TYPE	reading only
FREQUENCY	13,56MHz
MAXIMUM READING RANGE	up to 4cm
READER-CONTROLLER DISTANCE	up to 1000m (without power)
DIODE	two-color
BUZZER	built-in
KEYPAD	yes, backlight
TAMPER	built-in (mechanical)
COLOUR	black
SUPPLY VOLTAGE	10-15V DC
ENERGY CONSUMPTION	approximately ~100mA (max. ~140mA)
DIMENSIONS	75 x 115 x 16mm (2.95 x 4.53 x 0,63in)
WEIGHT	100g (0.22lb)
WORKING TEMPERATURE	-40°C - +65°C
STORAGE TEMPERATURE	-50°C - +80°C
AMBIENT RELATIVE HUMIDITY	<80%
INGRESS PROTECTION	IP51 – for MDK-R (w) version IP65 – for MDK-R (z) version
NORMS	CE