

NODER MD-R / MD-W

MIFARE DESFire READER



Characteristic

COOPERATION WITH CONTROLLERS	Noder EE12 Noder EWE4
COMMUNICATION INTERFACE	MD-R - RS-485 (AES-256 or own encryption) MD-W - Wiegand



Technical specifications

STANDARD	MIFARE DESFire
WORKING TYPE	Only reading
FREQUENCY	13,65 MHz
MAXIMUM READING RANGE	Up to 4 cm
READER-CONTROLLER DISTANCE	MD-R - up to 1000 m (without power) MD-W - up to 50 m
DIODE	two-color
LOUDSPEAKER	built-in
KEYBOARD	no
ACCELEROMETER	built-in
TAMPER	built-in (optical)
TEMPERATURE SENSOR	built-in
SUPPLY VOLTAGE	12 VDC
ENERGY CONSUMPTION	typically ~85 mA (max. ~105 mA)
DIMENSIONS	41 x 98 x 16 mm (1,61 x 3,86 x 0,63 in)
WEIGHT	85 g (0,19 lb)
WORKING TEMPERATURE	-40°C - +65°C
STORAGE TEMPERATURE	-50°C - + 80°C
AMBIENT RELATIVE HUMIDITY	<80%
INGRESS PROTECTION	IP65
NORMS	CE

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