

# NODER MDK-R

## MIFARE DESFire READER



### Characteristic

<b>COOPERATION WITH CONTROLLERS</b>	Noder EE12 Noder EWE4
<b>COMMUNICATION INTERFACE</b>	RS-485

### Technical Specifications

<b>STANDARD</b>	MIFARE DESFire
<b>WORKING TYPE</b>	reading only
<b>FREQUENCY</b>	13,65 MHz
<b>MAXIMUM READING RANGE</b>	Up to 4 cm
<b>READER-CONTROLLER DISTANCE</b>	up to 1000 m (without power)
<b>DIODE</b>	two-color
<b>LOUDSPEAKER</b>	built-in
<b>KEYBOARD</b>	yes
<b>ACCELEROMETER</b>	built-in
<b>TAMPER</b>	built-in (optical)
<b>TEMPERATURE SENSOR</b>	built-in
<b>SUPPLY VOLTAGE</b>	12 VDC
<b>ENERGY CONSUMPTION</b>	typically ~100 mA (max. ~130 mA)
<b>DIMENSIONS</b>	75 x 115 x 16 mm (2.95 x 4.53 x 0,63 in)
<b>WEIGHT</b>	100 g (0.22 lb)
<b>WORKING TEMPERATURE</b>	-40°C - +65°C
<b>STORAGE TEMPERATURE</b>	-50°C - + 80°C
<b>AMBIENT RELATIVE HUMIDITY</b>	<80%
<b>INGRESS PROTECTION</b>	IP65
<b>NORMS</b>	CE

Manufacturer: NODER S.A.  
5h Olszanska Street  
31-513 Cracow, Poland  
[www.noder.pl/en](http://www.noder.pl/en)