Nano RFID



Applications:

- Access control and employee identification systems
- Forklift operation supervision
- Industrial machinery access authorization
- Public facility monitoring (stadiums, exhibition halls)
- Wireless transaction systems (e.g. in diners)
- Logistical systems for storeroom management and tracking resources
- Employee work time recording

Characteristics:

- RFID tags standard: Unique 125kHz.
- Control over a relay output and monitoring of a single digital input (Nano RFID PoE).
- HTTP, Modbus TCP, SNMP communication protocols support.

Technical characteristics

Power supply	Nano RFID	Passive PoE 10-24V DC, via a PoE adapter	
	Nano RFID PoE	PoE: 33-57V IEEE 802.3af	DC: 12-24V DC (3,5mm screw terminal)
Power consumption	Max. 1,5W		
Transponders	Unique EM4100, EM4102		
Input (Nano RFID PoE)	Amount of inputs: 1	Input type: NO (Normally Open)	
Output (Nano RFID PoE)	Amount of outputs: 1	Output type: NO, relay	Maximum relay load: 1A @ 30V DC
Communication	Ethernet 10Mbps, RJ45 port		
Enclosure	Nano RFID	Dimensions: 50 x 66,3 x 20mm	IP rating: IP30
	Nano RFID PoE	Dimensions: 50,1 x 74,6 x 27mm	
Operating temperature	From -10°C to +55°C		

Version	Passive PoE 10-24V DC	PoE 802.3af	DC 12-24V	Catalogue number
Nano RFID	✓	-	-	NR-0001-0000-00
Nano RFID PoE	-	✓	✓	NR-0001-0001-00