

FE-MF-WRV1 - PRODUCT DATASHEET

VANDAL – RESISTANT MIFARE KEYPAD AND CARD READER

Freund FE-MF-WRV1 is made of zinc alloy to effectively prevent vandalism and ideal for high traffic and harsh environments where PIN code credentials are needed. It provides Wiegand-34 communication interfaces for more flexible applications. The FE-MF-WRV1 is high compatible with ISO14443A, identifies UID 7bytes/5bytes MIFARE contactless smart card. When working with controller, it provides unlock modes including card-swiping, pressing keypad or card-swiping with password to unlock. Its case sensor detection function to enhance the system security.



At a Glance

- Zinc alloy case, anti-vandal construction
- IP67 waterproof
- Output format: Wiegand-34
- Card type: 13.56 MHz MIFARE
- External LED/Buzzer control lines
- Highly visible blue backlit keypad
- Multi-color LED status display
- Case sensor detection function to enhance the system security
- Wide range of operating temperature to meet the extreme environment conditions
- Working voltage: 12VDC
- Outdoor/indoor application
- Easy installation

TECHNICAL SPECIFICATION	
Operating voltage	12V DC \pm 10%
Idle current	40mA max
Active current	80mA max
Card type	13.56 MHz MIFARE
Effective reading distance	3 ~ 5cm
LED indicator	Green / red bi-color LED x 1 (status/power)
Keypad	13 numeric keypad with back lightings
Beep tone	Buzzer
Operating temperature	-40°C ~ +70°C
Operating humidity	10% ~ 90% RH, non-condensing
Shell material and color	Zinc alloy
Protection level	IP67
Dimensions	129 x 44 x 20mm
Weight	460g

FREUND ELEKTRONIK A/S, IN COOPERATION WITH ITS SISTER COMPANY FREUND ELEKTRONIKA SARAJEVO, IS DEVELOPING IP-BASED INTERCOM, AUDIO, ACCESS CONTROL AND SMART HOME SOLUTIONS.

WE HAVE MORE THAN 30 YEARS OF EXPERIENCE IN THIS TECHNOLOGY FIELD AS DEVELOPER, MANUFACTURER AND RESALER COMPANY.

IN THE INDUSTRY, WE NEGOTIATE THE MOST INNOVATIVE SOLUTIONS WITHIN BUILDING COMMUNICATION. WE HAVE DAILY FOCUS ON DEVELOPMENT AND USER-FRIENDLINESS AND OUR PRODUCTS HAVE TECHNICAL HIGH QUALITY AND PLEASANT DESIGN.

AS A DEVELOPER AND MANUFACTURER OF OUR OWN IP-INTEGRA SYSTEMS, WE ARE ON TOP OF THE MOST ADVANCED SYSTEMS FOR DOOR TELEPHONY, PUBLIC AUDIO AND ACCESS CONTROL SOLUTIONS.

OUR DEVELOPMENT DEPARTMENT HAVE DEVELOPED, TOGETHER WITH OUR PARTNERS, ELEGANT AND ROBUST DOORPHONES, SIP-CENTRALS, TERMINALS, IP-SPEAKERS, ACCESS CONTROLLERS AND APPLICATIONS WITH INTELLIGENT FEATURES AND THE MOST ADVANCED TECHNOLOGY, BUT AT THE SAME TIME EASY FOR OUR CUSTOMERS TO USE.

FREUND GROUP IS ONE OF THE TOP PROVIDERS ON THE MARKET FOR IP-BASED BUILDING CONTROL AND COMMUNICATION AND RELATED SYSTEMS.