



Product Code

F05296

## RESISTANT PROX. READER WG

Reference

5296

EAN

8424299052960

### Description.

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#### Description

Vandal-proof proximity reader, with a narrow profile and small dimensions. It allows you to work in autonomous or centralized mode, depending on the Wiegand 26 controller to which it is connected.

#### **AUTONOMOUS MODE WITH EXTERNAL CONTROLLER REF. 5276**

Maximum capacity of up to 1,000 users.

MINI Controller:

- 2A relay output. By default it supplies 12Vdc between GND, NO terminals. By changing some internal jumpers it becomes dry contact. Configurable from 1-99 (5s by default) or bistable (when the card is presented the relay is activated and when it is presented again it is deactivated).
- Exit push button entry. GND, OPEN.

The controller allows up to 2 different types of access when installing a proximity reader.

- card only

- Multi-card: Presenting between 2 and 9 valid cards will open the door. The Multicard access type allows the user to always be accompanied. For example, if the controller is programmed with 3 identifiers, in order to operate the door, the user will present their valid card and until two additional valid cards are presented (for example those of the guards) the door will not open.

An identifying number called ID (1-999) is associated with each user. Users with ID (1-999) are standard users who, upon presentation of a valid card, will open the door.

The controller is supplied with two master cards that allow you to register or delete cards or key fobs.

### CENTRALIZED MODE WITH EXTERNAL CONTROLLER

To access the user database on a PC or allow access to more than 1,000 people, this Wiegand 26 proximity reader can be connected directly to a controller so that it can be installed in a centralized system such as AC+, AC-MAX and IP AXES which will allow you to have a record of entries and exits knowing time, user and access.

### ACCESSORIES

- Ref. 1076 MAGNETIC CONTACT. Door Sensor.
- Ref. 5287 FLUSH BUTTON
- Ref. 5288 SURFACE BUTTON
- Ref. 67501 UNIV DOOR OPENER. 990N-P22 10-24V MAX (Normal Operating Short Armature Door Opener with Adjustable Latch)
- Ref. 4813 POWER SUPPLY 12Vdc/2A
- Ref. 4802 FEEDER 12Vac/1A

### Technical Details

#### MECHANICAL CHARACTERISTICS APPEARANCE 3 mm aluminum Surface fixing system.

- Hidden screws.
- IP66
- DIMENSIONS Surface mounting (48(H) x 103(V) x 20(P) mm.

#### TECHNICAL CHARACTERISTICS

- Power: Autonomous 12 Vdc (9-24Vdc)
- Centralized: 12Vdc.
- Standby consumption: 12Vdc / 25mA
- Operating temperature: [-20°C, +60°C]
- Humidity: [10%, 95%]
- Compatibility: EM(125KHz), MIFARE (13.56MHz) and HID (ISOProxII, 125KHz) cards/keychains
- Wiegand 26 proximity protocol. RF radiated power: 125KHz: 4.382dBuA/m, 13.56MHz: 2.02dBuA/m.

#### TECHNICAL SPECIFICATIONS

## AUTONOMOUS WIRING (with external controller ref. 5276)

- +DC (Red): Positive 12Vdc supply
- GND (Black): Negative 12Vdc supply
- D0 (Green), D1 (White): Wiegand 26 connection.
- LED (Brown): LED Control
- BZ (Yellow): Acoustic signal.

## CENTRALIZED WIRING:

- + (Red): Positive 12Vdc power supply
- - (Black): Negative 12Vdc power supply
- DT, DO (Green), CK,D1 (White)
- G (Brown): LED control.
- Buzzer (Yellow): Acoustic signal.

## Details.

|             |   |  |                           |
|-------------|---|--|---------------------------|
| Weight (kg) | Packaging measurements<br>(height x width x depth) cm | Video Door Entry system<br>Technologie | Access Control Technology |
| 0.2907      | 7,3x11x5,5  | NO PE/VP                               | PROXIMIDAD                |

## Manuals

- 970071 DOC LECTOR PROX RESISTANT REF. 5296  
V12\_17.pdf

## Declaration of conformity

- DOCF05296EN.pdf

## Accessories



F04813

P.S.U. DIN6 100-240VAC/12VDC-2A



F02336

PROXIMITY CARD EM (WITH  
MAGNETIC STRIPE)



F52750

PROXIMITY CARD MIFARE FERMAX



F23361

PROXIMITY CARD W/O MAGNETIC  
STRIP EM



F04515  
PROXIMITY KEYRING EM



F52740  
PROXIMITY KEYRING FERMAX MIFARE



F05276  
STAND-ALONE CONTROLLER 1 DOOR  
WG

## Training video

- <https://youtube.com/playlist?list=PLf1YNFmssC34VvM7AseklnxTzxsqUcnyw>