

Ресивер FD-020-186 868МГц, 4-х канальный, Wiegand 34

Обзор

Ресивер



Аксессуары

Пульты управления



868 Mhz

Внешняя антенна



Ресивер создан для работы с любыми системами контроля доступа, которые поддерживают протокол Wiegand 34. Он имеет 4 вывода (по одному на канал) и совместим со следующими пультами двойной технологии:

- FD-010-172 - Ключ двойной технологии RF868 + Mifare Urmet
- FD-010-203 - Ключ двойной технологии RF868 + Mifare Plus Urmet

OPERATING MODE

Когда пользователь нажимает на первую кнопку пульта, ресивер посылает код ключа через первый выход.

Each the second push button is pressed, the second output is active and so on.

Note: the remotes also have a built in tag (125Khz or Mifare 13.56Mhz).

One benefit of the system is that prox readers return also the same serial number to the controller. The user of the software manages only one code for both technologies

Housing dimensions	91x155x34mm
IP protection	IP 67
Wiring	
PSU	2 wires
Loop input (4)	4 wires + 2 gnd
Wiegand output (4)	4 x 2 wires + 2 gnd
Operating temperature	-20° to +60°
Psu	12 to 24V = or ~ / consumption 50mA
Frequency	433Mhz or 868 Mhz depend on the part number
Operating distance	Up to 100 meters in open field

INSTALLATION

Mounting

The box of the receiver is IP 67 so it can be mounted indoor or outdoor. It has to be fixed vertically so the cables enter into the box by from the bottom.

Choose a place for the receiver not to be affected by noise and disturbance. The receiver performance depends on the electromagnetic environment.

The led called «reception» gives you information about the electromagnetic environment. When the led is off, there is a high quality RF reception. But when this led is on, the place is noisy.

Four leds (one per channel) indicate that the RF receiver recognises a signal from a remote. For example, when a first push button of a remote is pressed, the led 1 flashes once (second push button, led 2, second wiegand output and so on)

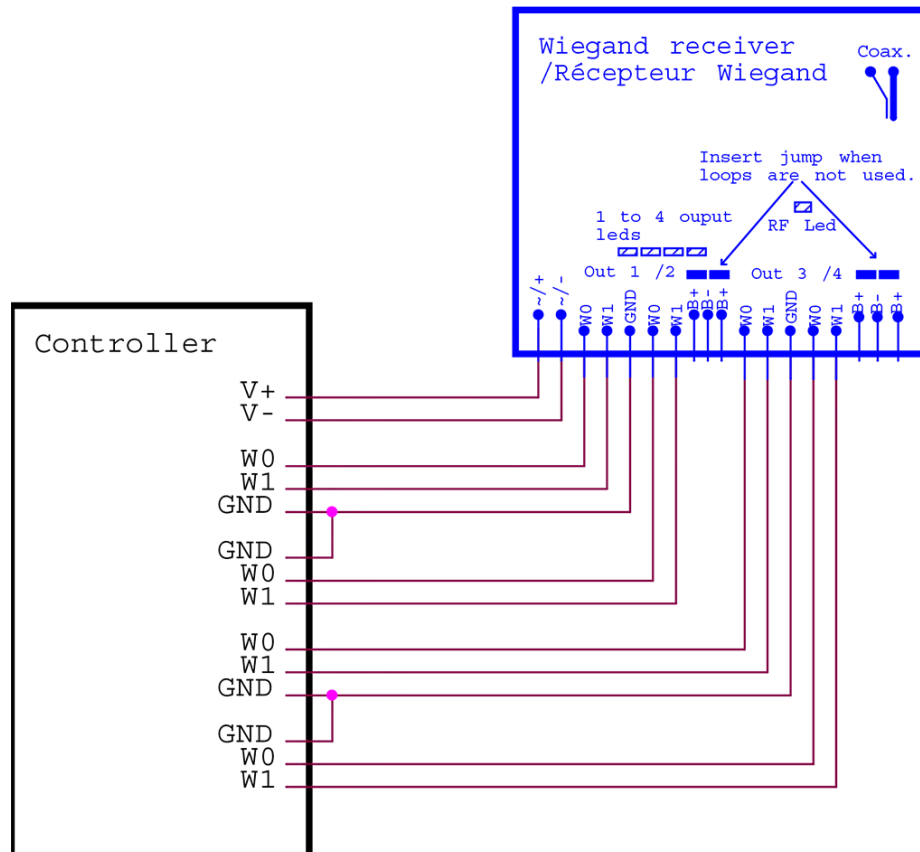
Wiring

Pass the cables through the grommets for a proper sealing.

The psu can be 12 to 24V = or ~. Basically, it is provided by the access controller.

Note, the ground is common for the outputs 1&2, 3&4.

When loop inputs (B+, B-) are not used, insert the dedicated jumps close to the loop terminals.



OPERATING MODE

The dedicated loop must be closed (or jump inserted) in order to send the remote serial number to the controller.

Other wiegand outputs stay idle when one push button is pressed.

CE COMPLIANCE

The receiver is compliant with the following requirements:

R&TTE : 1999/5/CE

- EN 301 489-3 V1.4.1 :2002 : Specific requirement for devices working on frequencies between 9 kHz and 40 GHz
- EN 300 220-2 V2.3.1 : Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range
- EN 62311 : Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)

2004/108/CE : CEM requirements

EN 60950-1 : 2006 /A11 :2009 / A1 :2010/ A12 :2011 : Information technology equipment safety

COMPATIBLE PRODUCTS

All controllers of the market which manage Wiegand 34 bits.

FD-010-147 : TM04 remote controls 433Mhz

FD-010-155 : TELROL 4 buttons 433Mhz or

FD-010-148 868Mhz (depending on part number)

FD-500-025 : Optional antenna (433Mhz)

FD-500-036 : 868Mhz