Mounting of Wiegand controller (page 1 for normal mounting)

Wiegand readers have 8 wires: A good installation can be done with the 6 wires as shown.
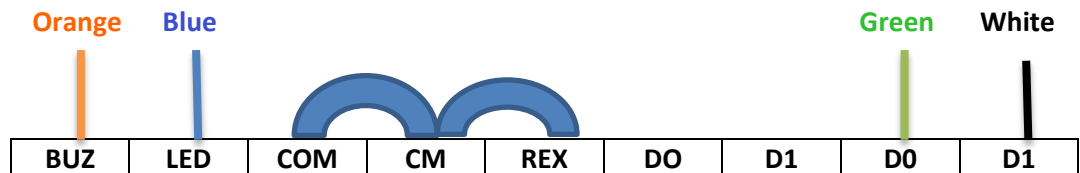
12 V GND (+ and -)
White and green which is the Wiegand communication to the controller
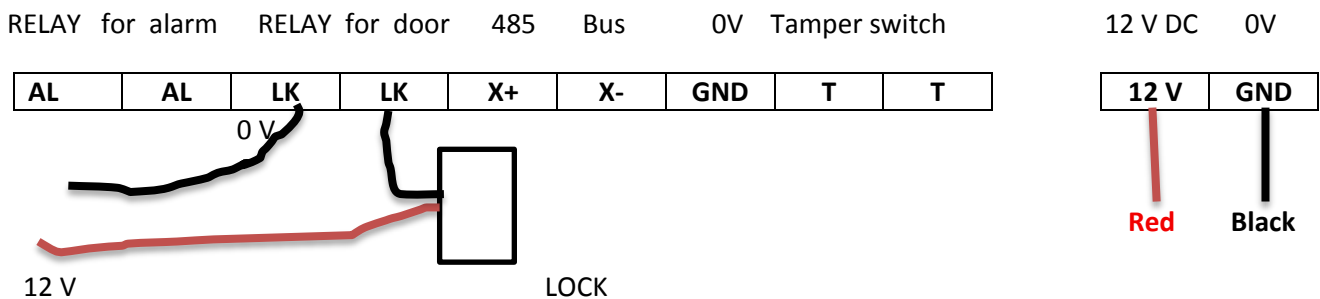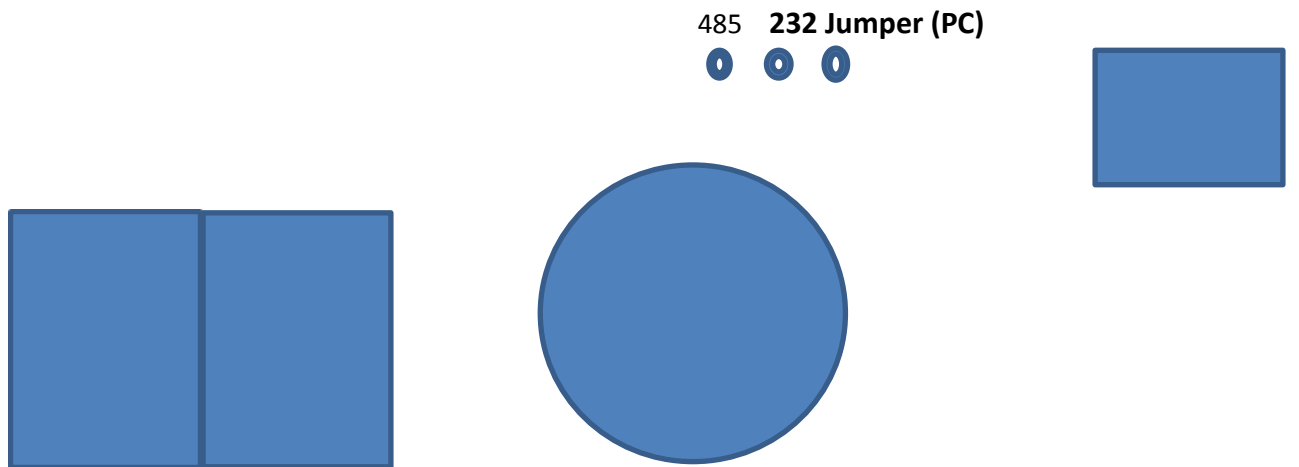**Orange is the external controlling of the red LED (to read what happens on the controller)**
Blue is the external controlling of the green LED (to read what happens on the controller)

Relays can be set to C – NO or C – NC (it is the jumper located directly under the relay)

Pleae note: The jumper in the middle of the PCB must be on the right. Then there is communication through the plug to the PC. For installations with several controllers, the jumper must be set to the left (485 communication).

Orange	Blue						Green	White
BUZ	LED	COM	CM	REX	DO	D1	D0	D1

Connection to Reader, possibly Exit and Door Monitoring

485   **232 Jumper (PC)**

RELAY for alarm		RELAY for door		485	Bus	0V	Tamper switch		12 V DC	0V
AL	AL	LK	LK	X+	X-	GND	T	T	12 V	GND

0 V

12 V   LOCK

Red   Black

Programming: The controller is programmed with a master code 4711. It can of course be changed. PCs can be connected for programming and logging - The program is available at www.conlan.dk

Stand alone reset and master enrolling: (page 4 in the Manual, Wiegand Controller) (for advanced programming)

The master can be any reader with a wiegand output: (key, prox, mifare, fingerprint, bluetooth, UHF,..)

Orange	Blue	Short cut (COM – CM – REX)					Green	White
BUZ	LED	COM	CM	REX	D0	D1	D0	D1
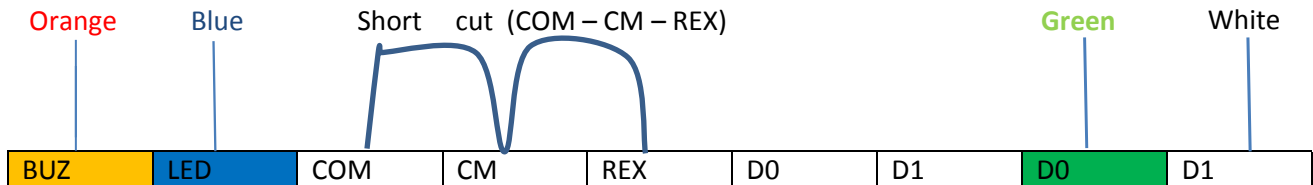
Normal connection from the Bluetooth Reader.

Orange and Blue are for the Orange and GreenLED.
Green LED will light when the relay is active.
Red and Green flashing ALTERNATE approx. 2 flash/sec – Indicates wrong code/Tag/Bluetooth/..
Red and Green flashing TOGETHER approx. 1 flash/sec – Indicates CONTROLLER IS IN ENROLL MODE.

RESET the Controller and enroll a new master:

1 Power off: – make a new short cut between LED and CM – and keep short cut between COM and REX

Orange		Short cut (COM –REX)					Green	White
BUZ	LED	COM	CM	REX	D0	D1	D0	D1
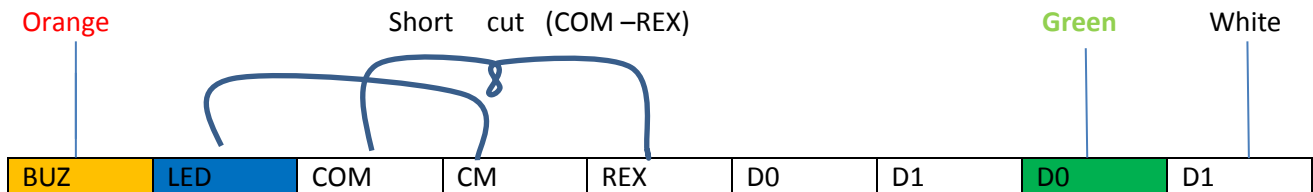
2 Power on:

A:LED on the controll flash .. 4 sec|
B: ....   LED Const. |
C: ....   Relay ON |
D: ……………………………………………………………….   Reed LED on Reader Flash – app 1/sec|
E: …………   Reed LED constant |

A, B, C is the reset time -
D: Enroll mode: Key in a new Master # . Only a few sec.
E: Power off and remounting the wires.

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