PROX 402
WIRING DIAGRAM

CONNECTIONS

1. RED - 12V DC (+)
2. BLACK - GROUND (-)
3. YELLOW - DOOR SENSOR / BUTTON
4. BROWN - RELAY OUTPUT (NC)
5. BLUE - RELAY OUTPUT (NO)
6. GREEN - RS 232 BUS (RxD)
7. VIOLET - RS 232 BUS (TxD)
8. WHITE - NC

POWER SUPPLY 12V DC

(—) (+)

Black

Red

VARIANT 1

An additional input (yellow wire) is configured as a relay control

VARIANT 2

An additional input (yellow wire) is configured as a door sensor

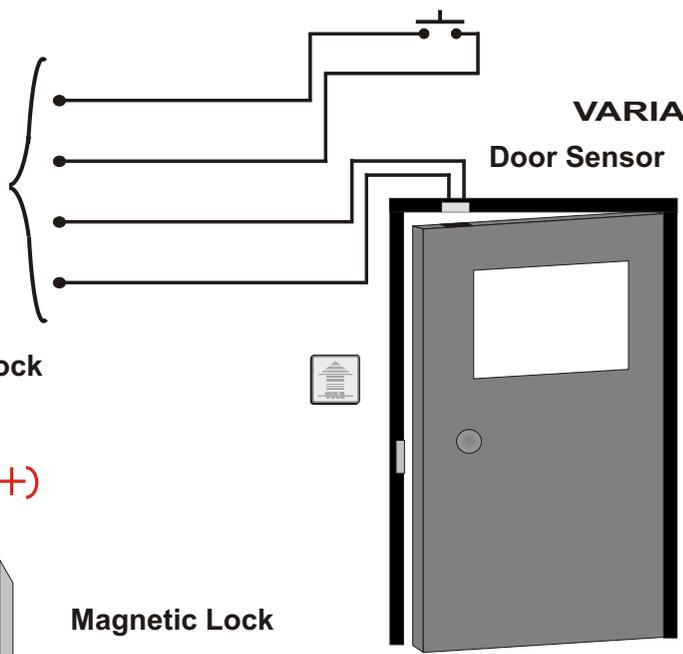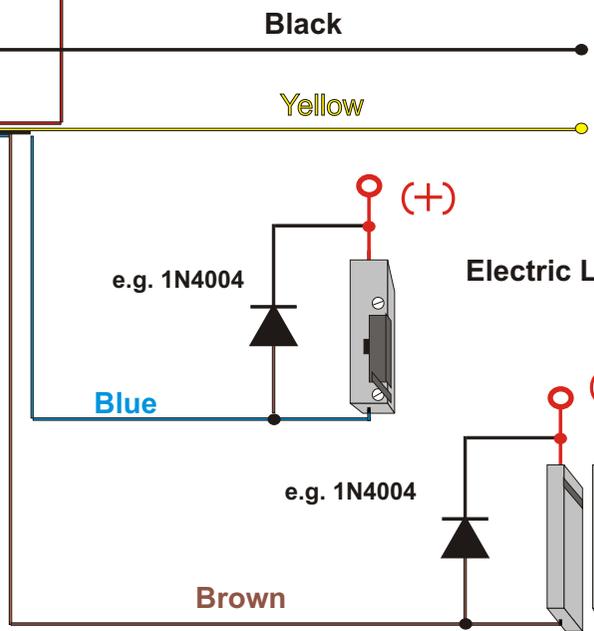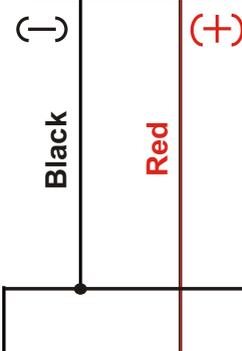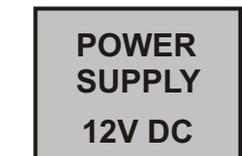How to configure an additional input is described in the Prox User Guide

VARIANT 1
Button

VARIANT 2
Door Sensor

Black

Yellow

Violet Green Black

Additional serial communication bus for connection to the PC with the Master 2.5 software installed in it

External RS 232 interface for connection to the PC with the Master 2.5 software installed in it using an additional cable

PROX

PC

e.g. 1N4004

(+)

Electric Lock

Blue

e.g. 1N4004

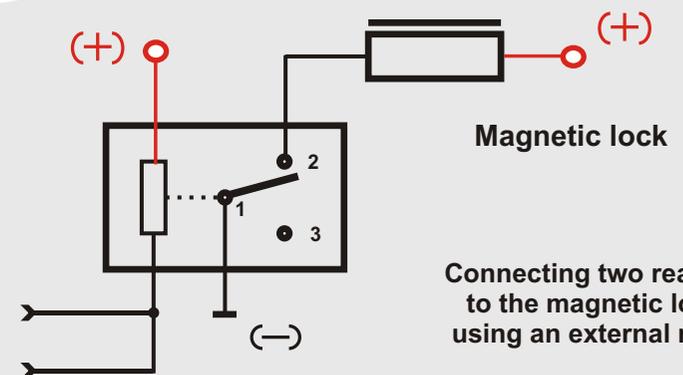(+)

Magnetic Lock

Brown

ATTENTION

NO output is grounded (-), when relay is ON
NC output is grounded (-), when relay is OFF
1A max relay current

External relay outputs:

1 - COM
2 - NC
3 - NO

(+)

(—)

2

1

3

Magnetic lock

Prox 402 Reader Blue

Prox 402 Reader Blue

Connecting two readers to the magnetic lock using an external relay