Liczniki BACOM

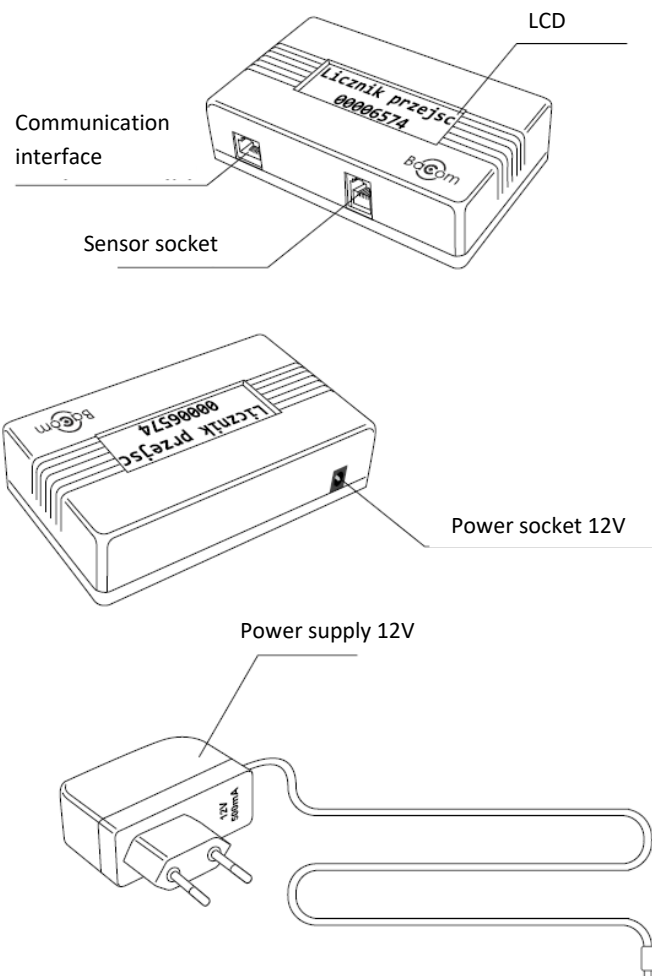# People counter

Installation guide

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-Counter

-Sensor with housing

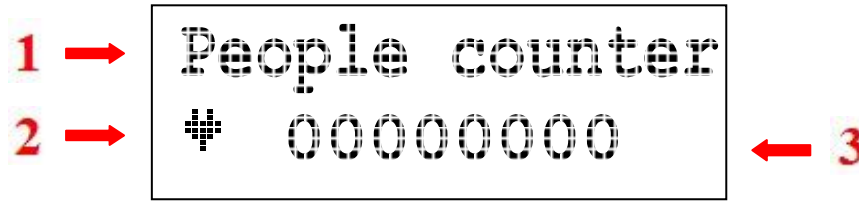-Power Supply 12V

-Installation guide

2. Description of the device.

People counter is a device that allows you to count amount of customers who gets in and out from the object.

Result of people counter you can check on LCD display, devise is transmitting data to computer or mobile devices (for counters: BL03, BLO4).

LCD

Communication interface

Sensor socket

Power socket 12V

Power supply 12V

2.1. Counter display

1. **Counter name**

   Counter name can be edited using additional program:
   - **for counters BL03, BL04** *you need to use program: SZOB LITE, SZOB LITE MOBILE or SZOB pro*

   Standard name will be **"People counter"**

2. **Interface state(for counters from BL03, BL04)**

   Icon that inform about connection between counter and network LAN or Bluetooth.

3. **Counter state**

   In this place you can find actual state of counter and some additional information. Example:

   - information about covered sensors.

    - information about unplugged cables from sensors

2.2. How to reset result's ?

For counters BL01- you will need ignition:

   a. Turn on display, if its off (left to vertical)
   b. Turn key right to horizontal
   c. Next quick turn key left to vertical
   d. When you hear signal turn key horizontally on right-people counter will reset.
   e. If you don't turn key when you hear signal, counter device will not reset.

For counter device type: Bl03, Bl04-by setting in program

2.3. When display is off

For counters: BL01- using ignition

If Key is turned horizontally (on right), display is off.

If Key is turned vertically (on left), display is on.

Remember, display is turning on very quick, for turning it off you need to wait moment.

Even if the display is off, people counter is still counting your client's.

For counters: Bl03,Bl04- by setting software

3. Counter installation
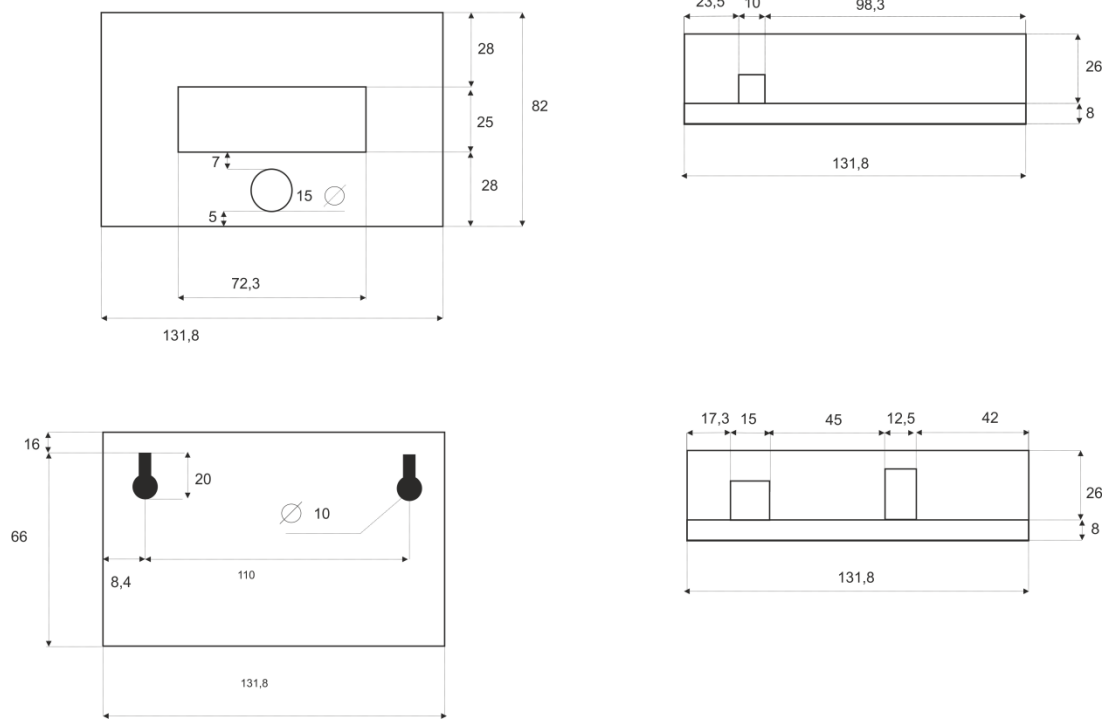
3.1. Counter

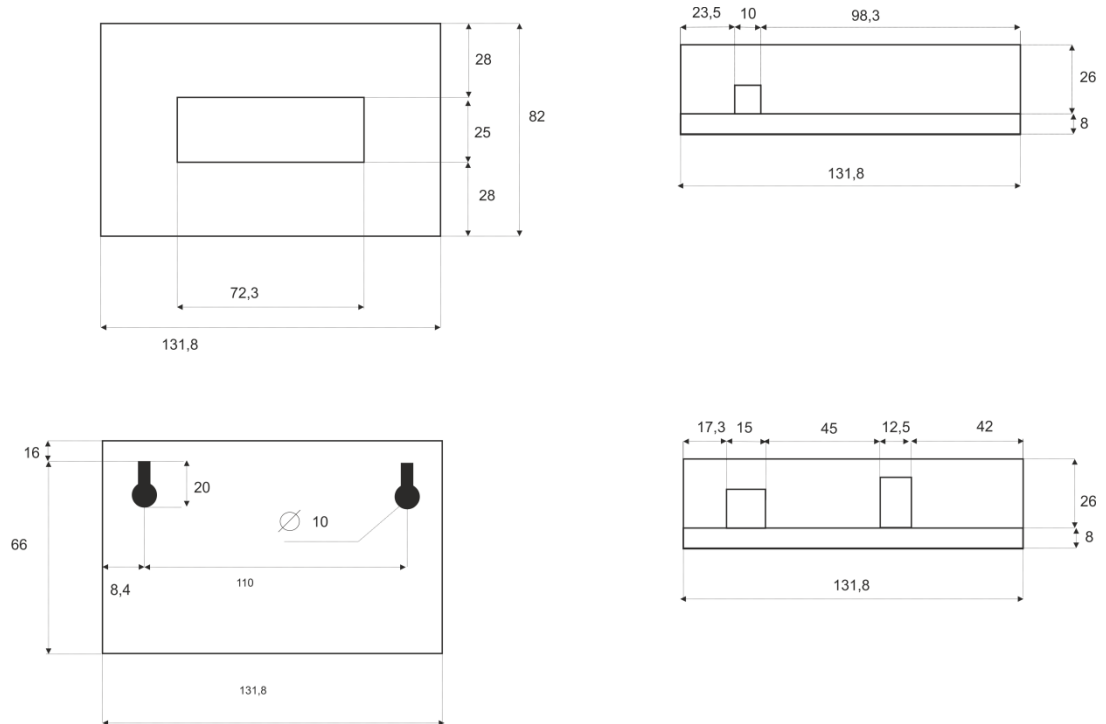

Diagram 1 . BL01 dimensions

Diagram 2 . BL03, BL04 dimensions

3.2. Horizontal Sensors installation
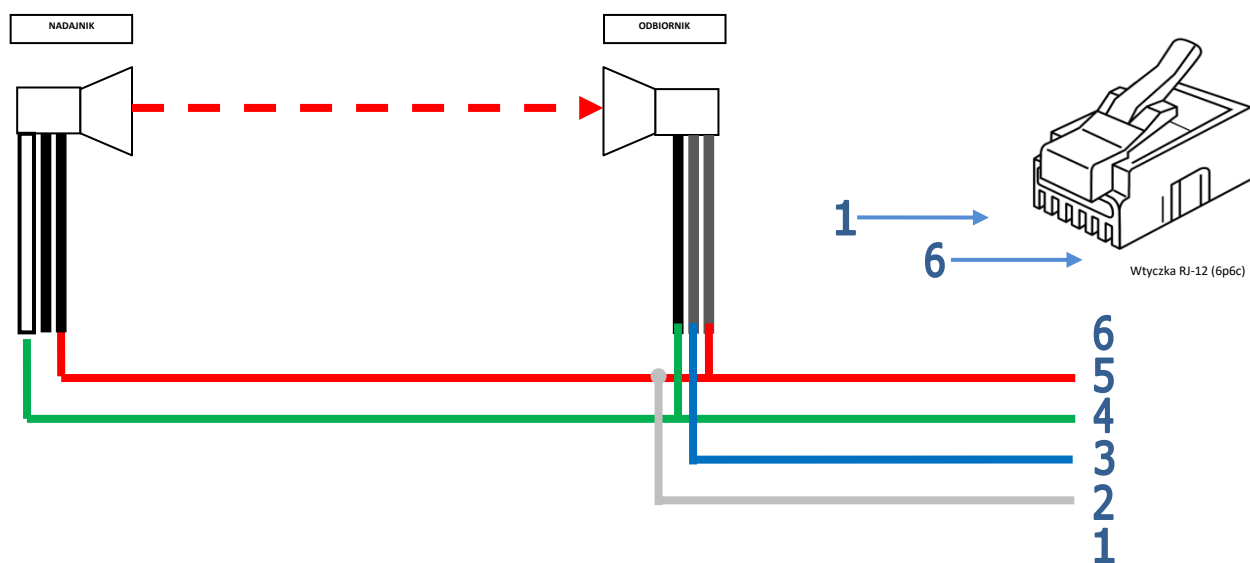

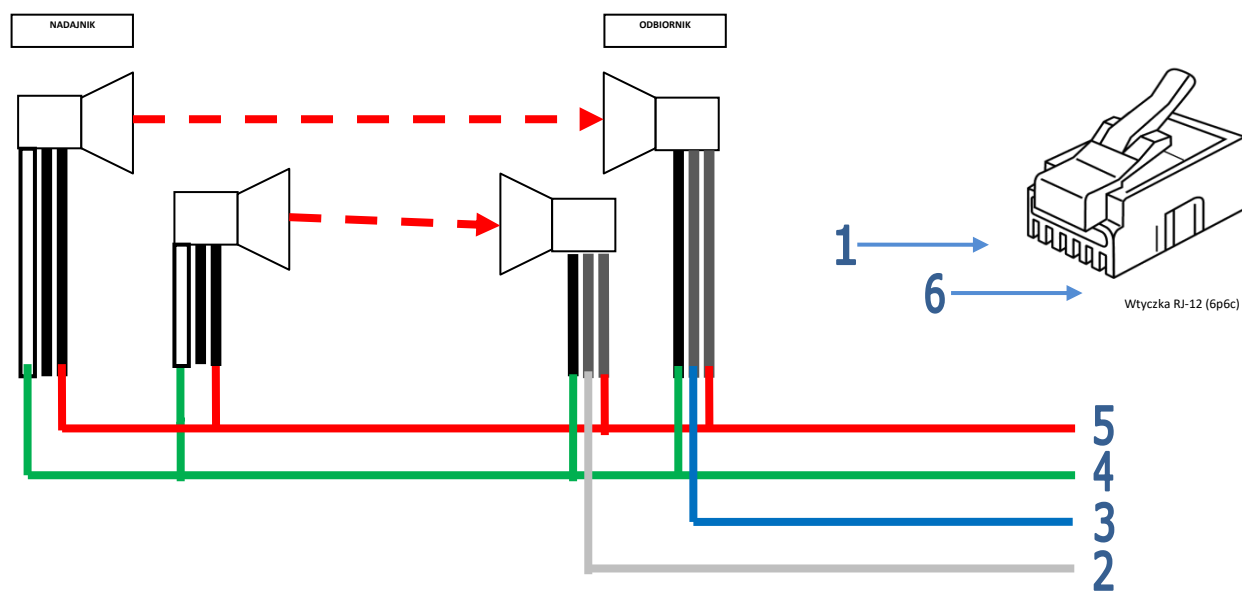Diagram 3. *Sensor installation scheme (one entrance)*

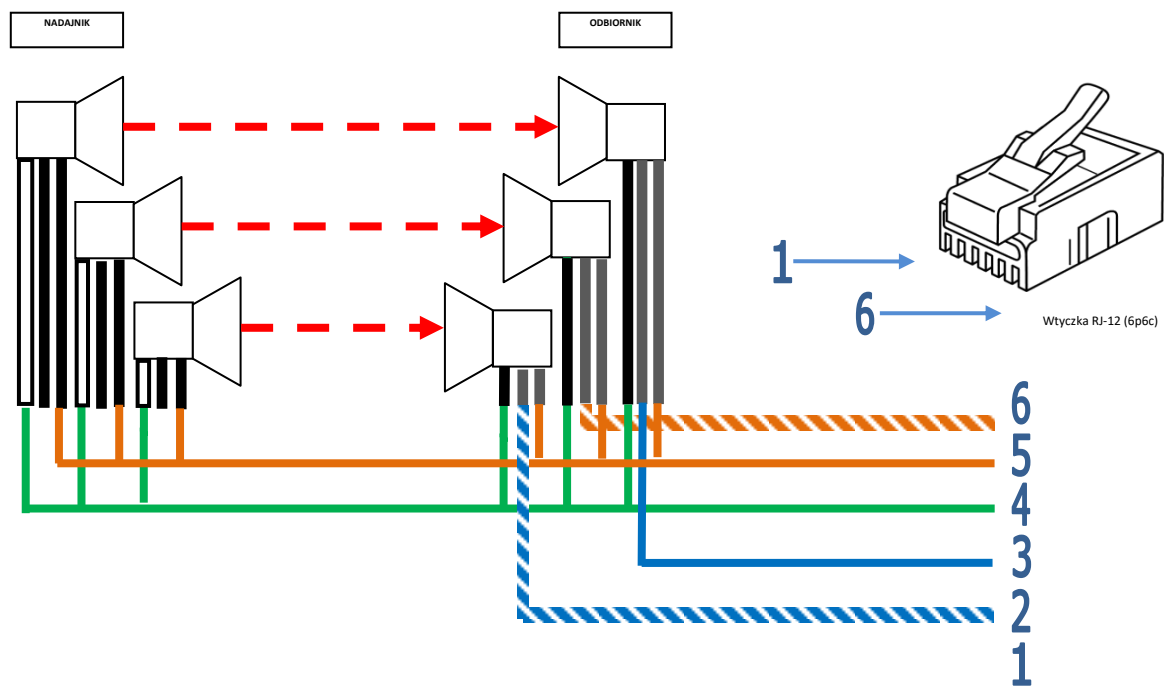Diagram *4. Sensor installation scheme (two entrances)*

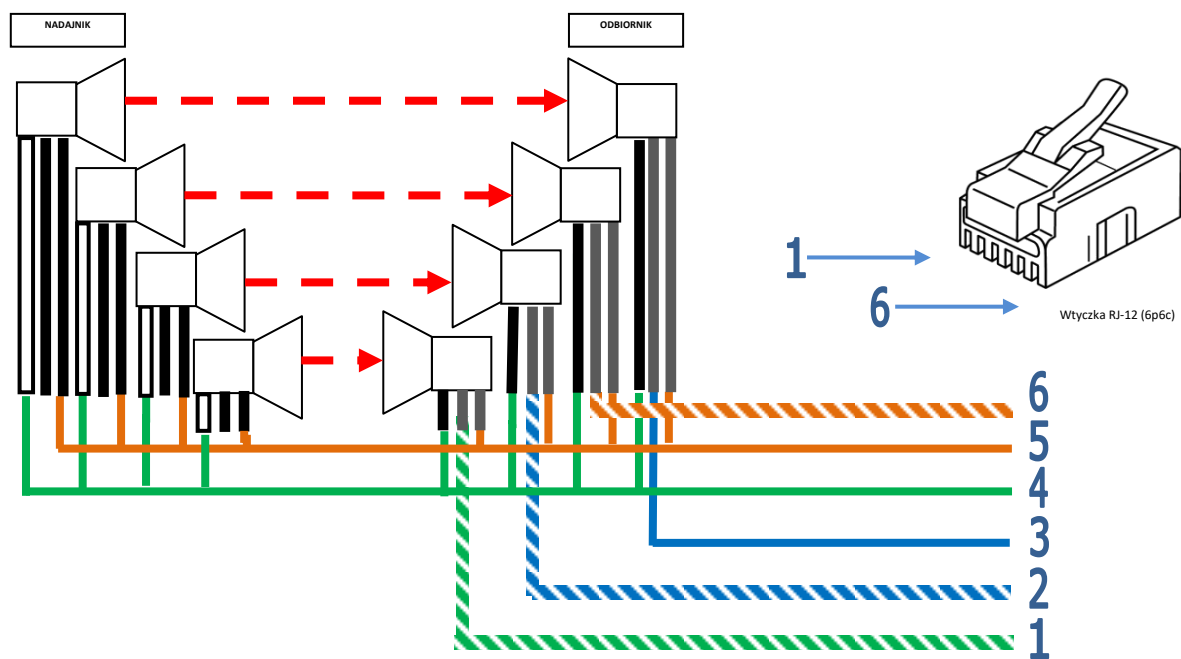Diagram *5. Sensor installation scheme (three entrances)*

Diagram *6. Sensor installation scheme (fourentrances)*

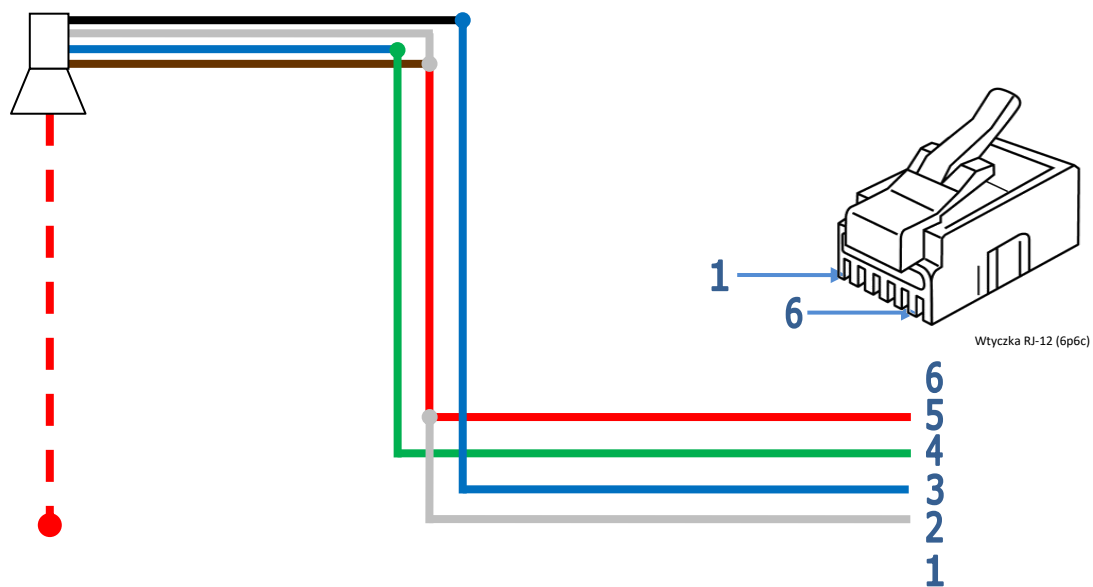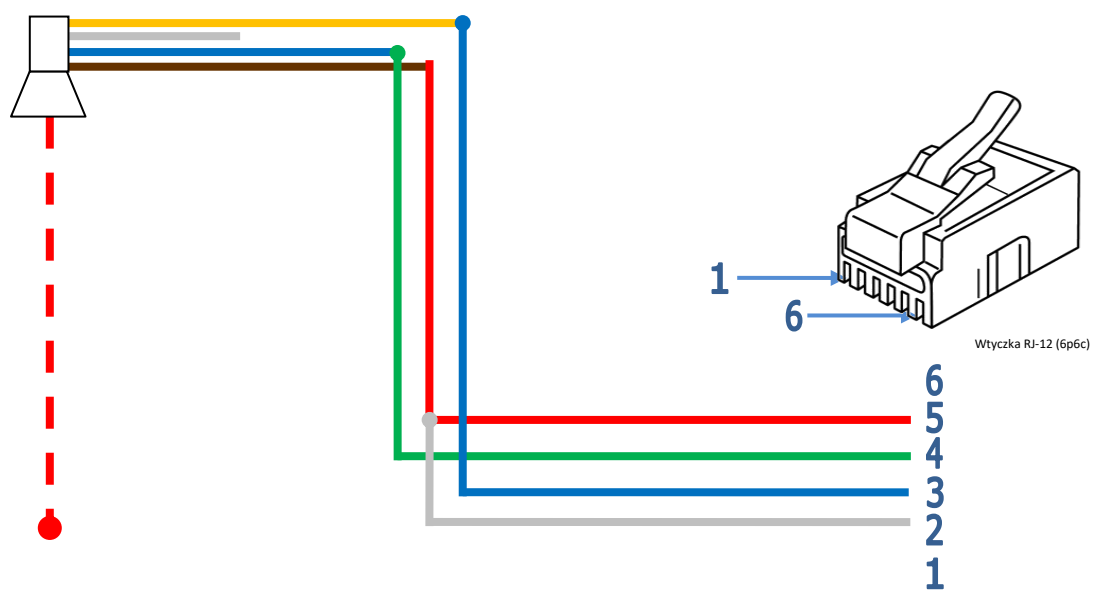## 3.3. Vertical sensors installation

Diagram *7. Vertical sensor installation scheme CV1, CV2*

Diagram *8. Vertical sensor installation scheme CV3*

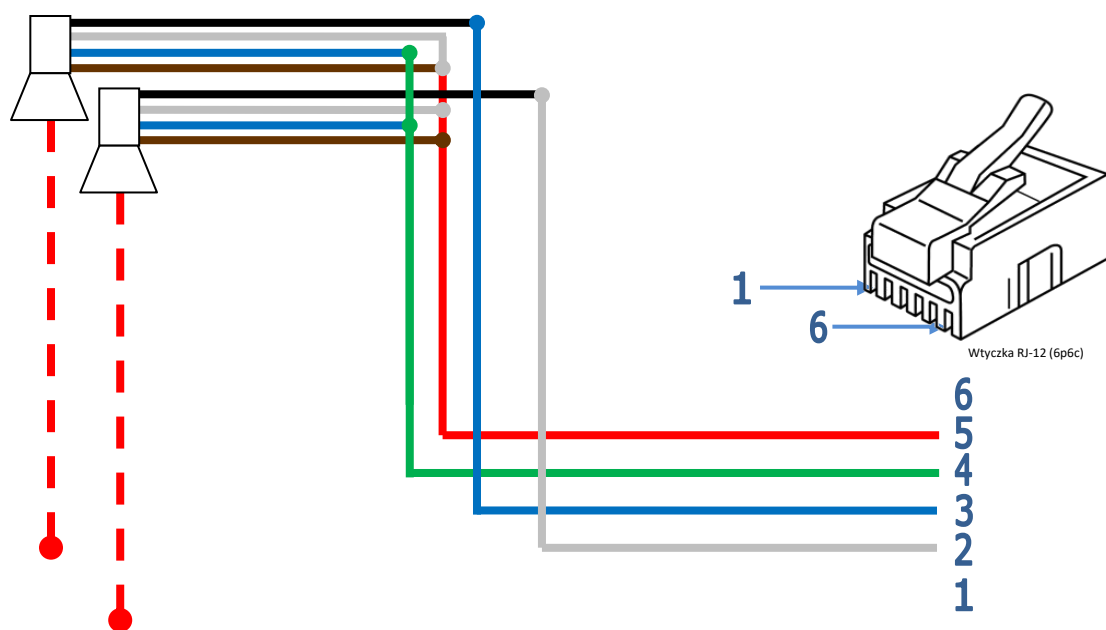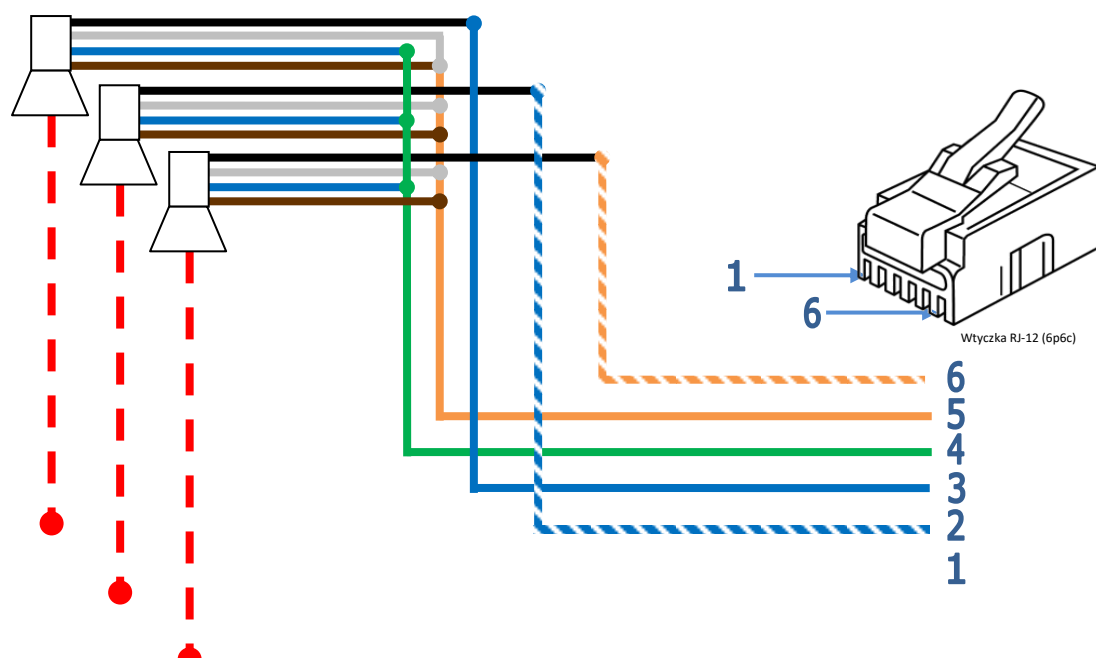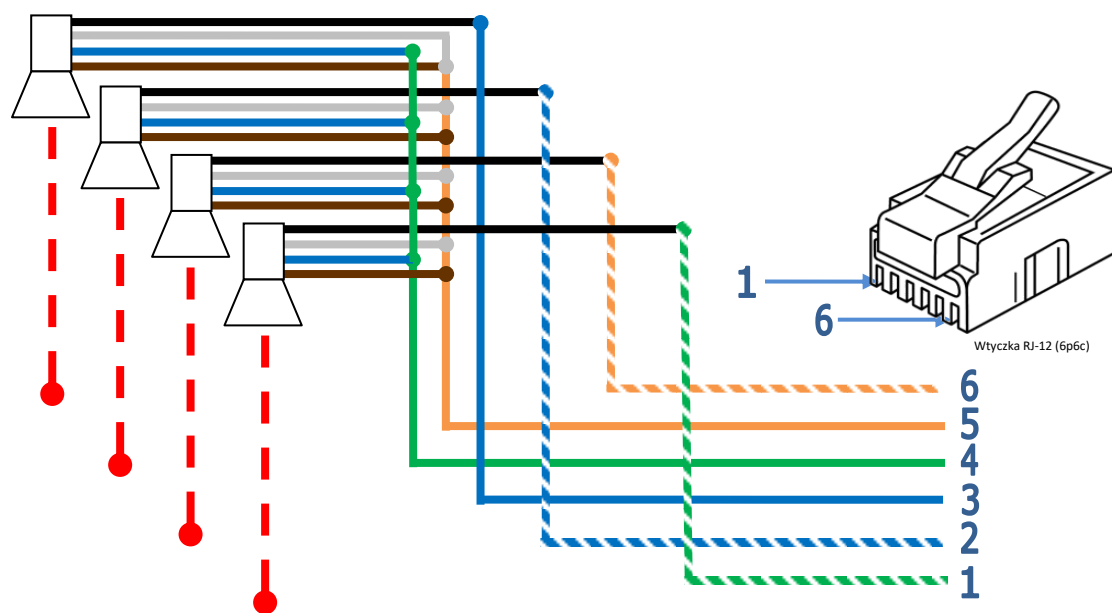Diagram *9. Vertical sensor installation scheme CV1, CV2*

Wtyczka RJ-12 (6p6c)

Diagram *10. Vertical sensor installation scheme CV1, CV2*

Wtyczka RJ-12 (6p6c)

Diagram *11. Vertical sensor installation scheme CV1, CV2*

Wtyczka RJ-12 (6p6c)

4. Network interface configuration (for counters BL04)

Counter BL04 are equipped in internet module, with one you should configure with software. Configuration module depend's on what kind of LAN configuration you have. Configuration can be done by using software on web: http://liczniki-bacom.pl/wsparcie-techniczne/.

1. How to find counter in network ?
Click search button. On left side you will find MAC address of device.

A) How to configure counter?
choose ,,IP Configuration Method''
Static – static address IP
DHCP- Automatic address IP

B) Operation mode

   ✓ *Server TCP*
In fields operation mode choose option server next choose ,,Port''.

You use this mode when address IP is static, as well people counter is available under this address for software which one is cooperative with this counter. This mode should be use when counter and software are working under one web(LANN,VPN)

   ✓ *Client TCP*
In option operation mode choose Client.

This mode is use when counter is not available for software with static IP. In this mode counter is connecting to server under address in field server IP and PORT. This mode is often using when counter is connected to internet, software you can find on server but different localization.

Settings serial port:

If you want to change setting you need to switch option ,,Serial''. In this place should be :
Speed - 115200
DataBit - 8
Parity – None
StopBit – 1
Flow – None

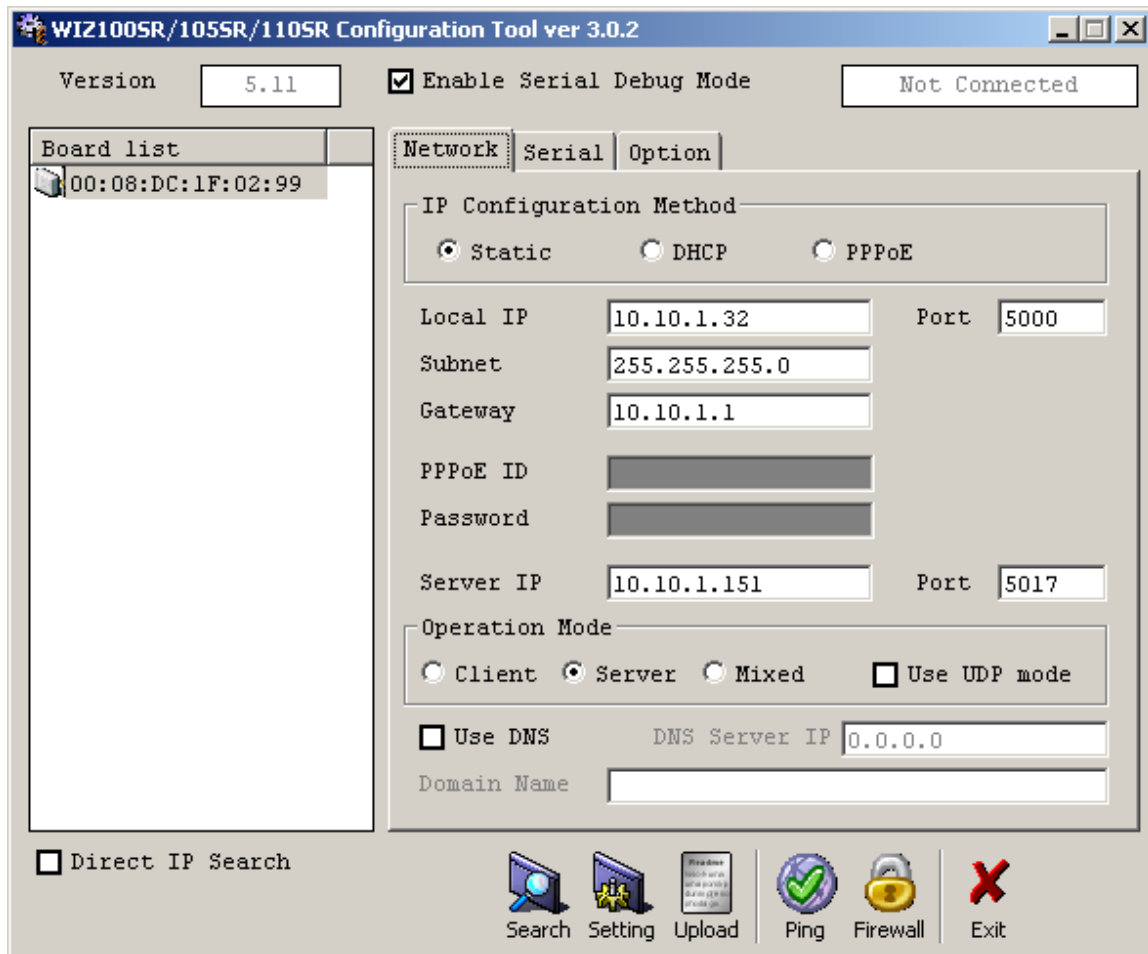**if you want to save configuration counter, press Setting.**

Diagram 12. Ethernet module configuration tool.

5. How to download data?

Data download from counter is possibly by application:

- ✓ SZOB LITE application for BL03 and BL04
  SZOB LITE application can by download from:
  http://liczniki-bacom.pl/views/wsparcie-techniczne/

   SZOB LITE User guide can by download from:
  http://liczniki-bacom.pl/views/wsparcie-techniczne/

- ✓ SZOB PRO application for BL04:

  SZOB PRO User guide can by download from:
  http://liczniki-bacom.pl/views/wsparcie-techniczne/