

# FOTO MOUSE



## Technical features:

Power supply: 12/24V AC/DC (+-5%)  
Consumption: typ. 75mA  
Emission band: 880nm  
Operating temperature: -20 - +55°C  
Protection grade: IP44  
Relay contact: 1A/30V Ohm  
Functioning distance: 1-15m  
For outdoor use

## Mounting:

Snap off the cover of the photocell with a screwdriver.

Place the cable and fix the reverse sides of receiver (RX) and transmitter (TX) units on the surface with the screws enclosed. If you fix them onto a wall, drill two 5mm diameter holes for the dowels and screws. If you fix the photocells onto metal surface, drill two 2,5mm diameter holes for the screws. For drilling use the pattern under the text.

Fix the units opposite each other, facing each other promptly and height about 40-60cm.

If it's necessary to set other couple photocells because of pets, place them lower, but upper than snow-height, with higher motor-vehicles place them upper than the given height.

In these cases keep min 30cm distance between the pairs of units.  
If possible place the receiver unit (RX) protected from sunshine.

## Connections :

- : negative link of power supply

+ : positive link of power supply

In case of alternating voltage connect the clams independently from their polarity.

FOT: connect to the input of the security device of the unit

(FOT, STOP, SAFETY etc.)

COM: connect to the common clam of the security device of the unit

(COM, C, etc.)

Use shaded cable and connect it to 'COM' clam.

If you connect more photocells to one input, bind either 'FOT' clam with the other 'COM' clam, and connect the free clams to the control board.

**Jumpers:** - On the receiver (RX): Standard function, NC as safety device.

With transferring the jumper, NO function can be reached.

- On the transmitter (TX): Functioning distance can be set with transferring the jumper.

100% = 1-8 meter,

200% = 1-15 meter

## Installation:

Place the device under power. After correct setting and connecting power supply '+' and 'FOT' LEDs continuously light.

Every time the beam is disconnected 'FOT' led turns off with a quiet clicking sound.

Snap back the photocell's top and fix them with screws. Disconnect the beam several times in order to check the suitable function of the relays.

Keep the device clear in and outside and check its function every half year.

**The setup of the apparatus presupposes technical skill.**

**If necessary ask for technician's help.**

**The guarantee is only in case of professional setup and proper usage.**

