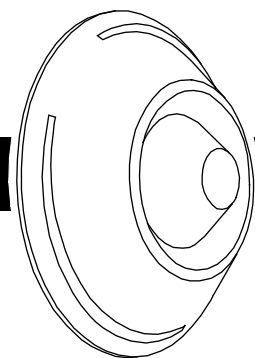


SOW-300

INDOOR LED BEACON

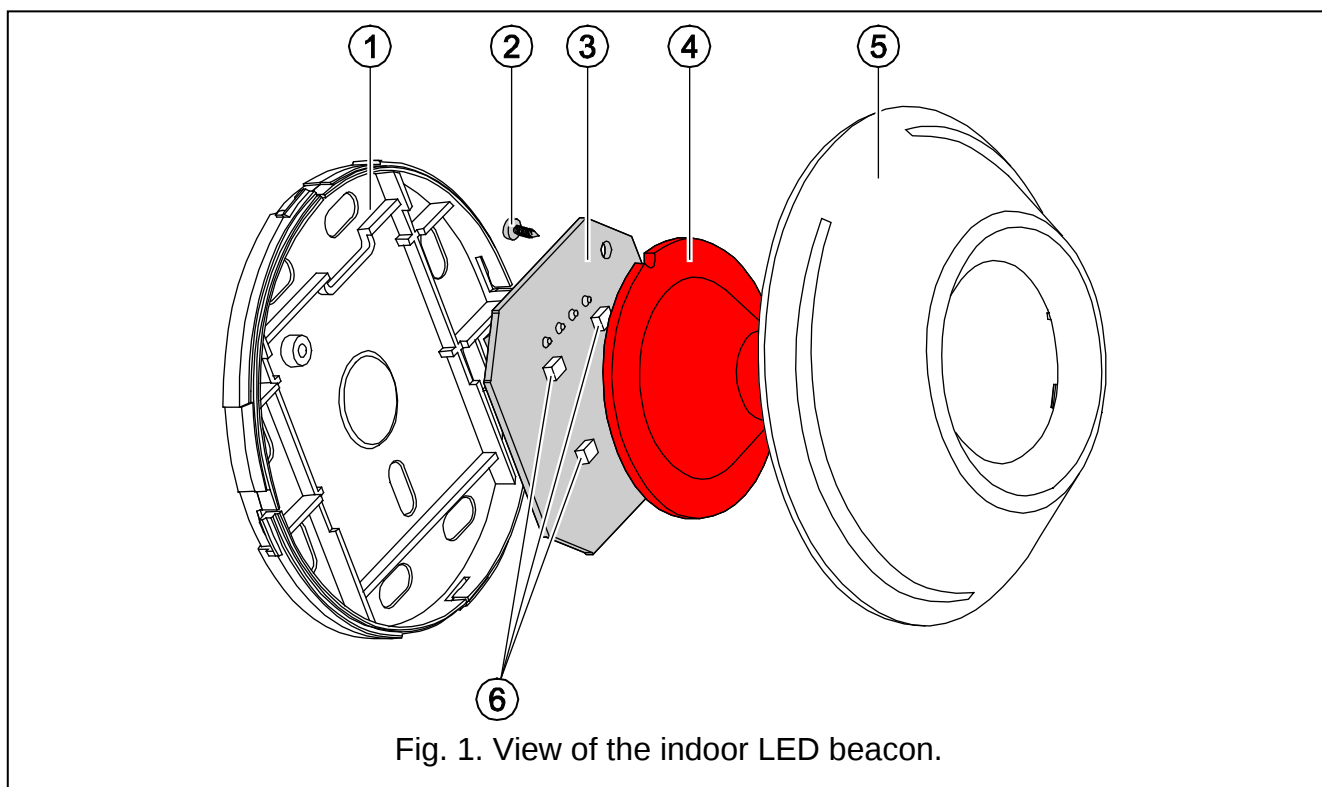


sow300_en 05/12

The SOW-300 indoor LED beacon is offered in 3 versions differing by the color of optical signal (red in SOW-300 R, blue in SOW-300 BL, orange in SOW-300 O).

1. FEATURES

- Optical signaling by means of super bright LEDs.
- 4 selectable signaling modes.
- Tamper protection against opening the housing.



Explanations for Figure 1:

- 1 - housing base.
- 2 - screw for fixing the electronics board to the cover.
- 3 - electronics board.
- 4 - transparent element of the cover for light diffusion.
- 5 - cover.
- 6 - LEDs.

2. DESCRIPTION OF ELECTRONICS BOARD

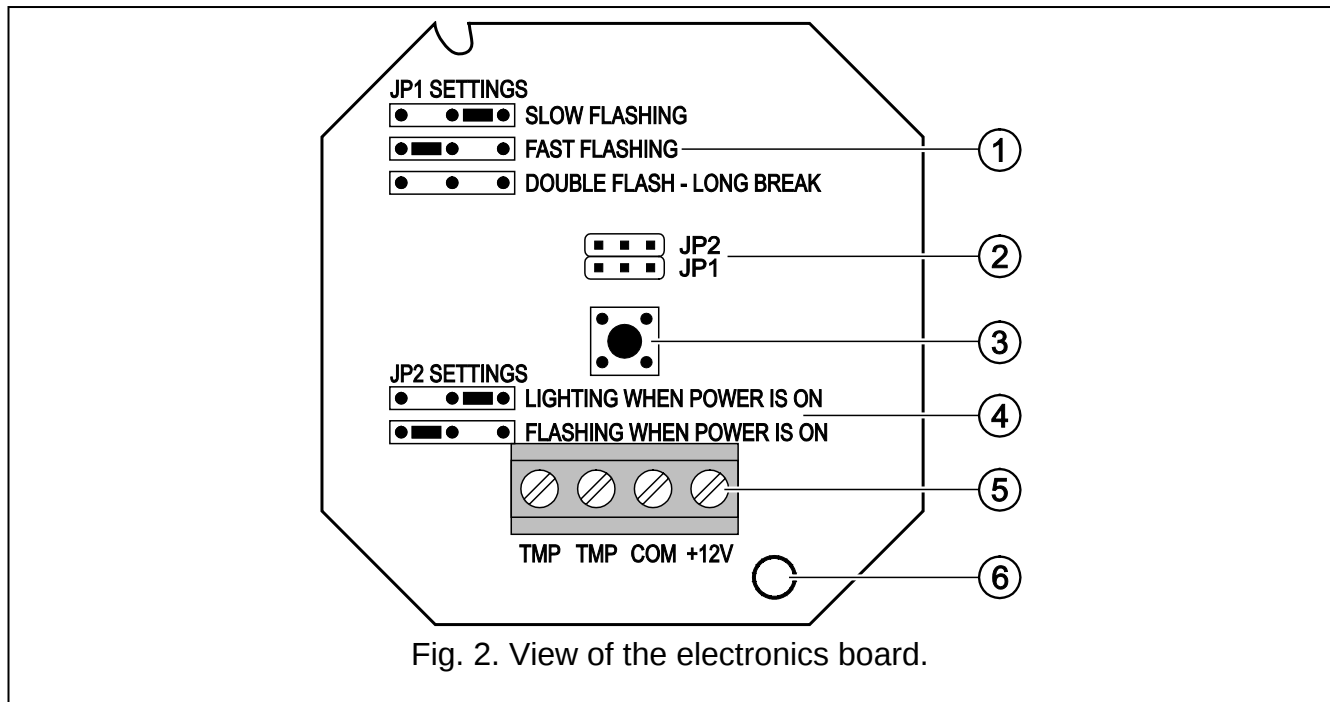


Fig. 2. View of the electronics board.

Explanations for Figure 2:

- 1 - way of placing jumpers on the JP1 pins.
- 2 - JP1 and JP2 pins for selecting the signaling mode.
- 3 - tamper contact reacting to housing opening.
- 4 - way of placing jumpers on the JP2 pins.
- 5 - terminals:
 - TMP** - tamper contact.
 - COM** - common ground.
 - +12V** - power supply input.
- 6 - fixing screw hole.

3. TYPES OF OPTICAL SIGNALING

In order to set the selected type of optical signaling, put the jumpers on the JP1 and JP2 pins accordingly (see Fig. 3):

- I - two flashes followed by one- second pause,
- II - slow flashing (once per second),
- III - fast flashing (twice per second),
- IV - steady light (regardless of the jumper setting on the JP1 pins),
- V - no light (regardless of the jumper setting on the JP1 pins).

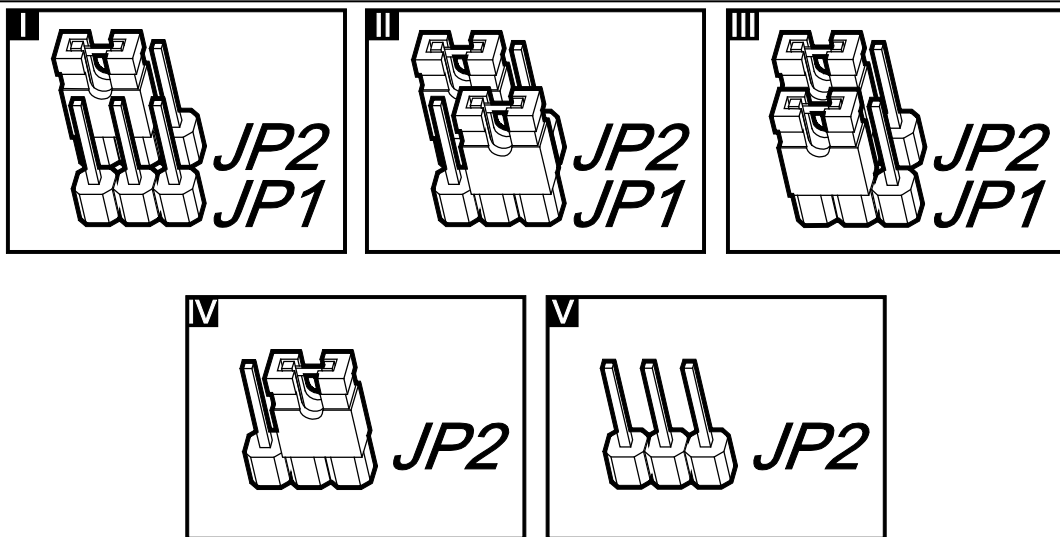


Fig. 3. Way of putting jumpers for the respective types of optical signaling.

4. INSTALLATION AND CONNECTION

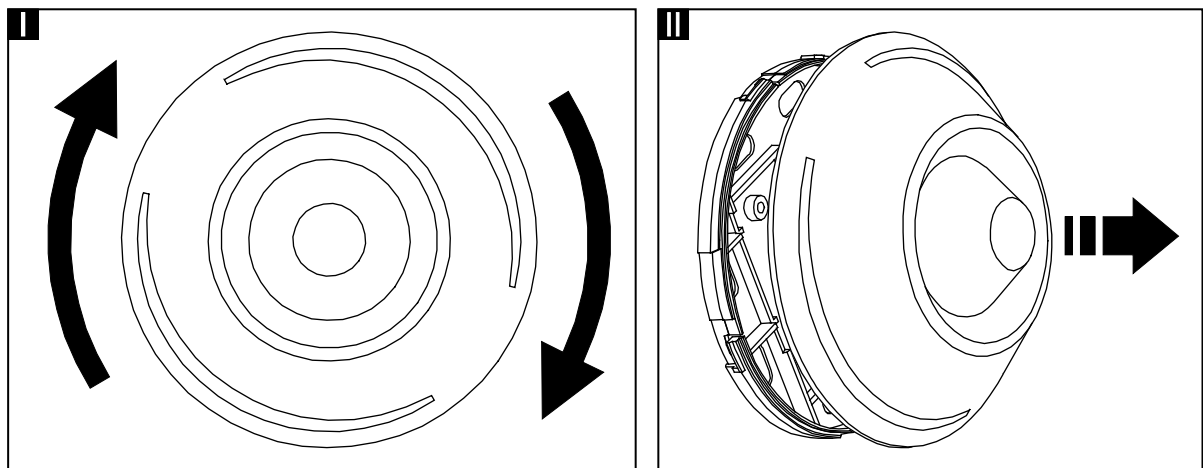


Fig. 4. Removing the cover.

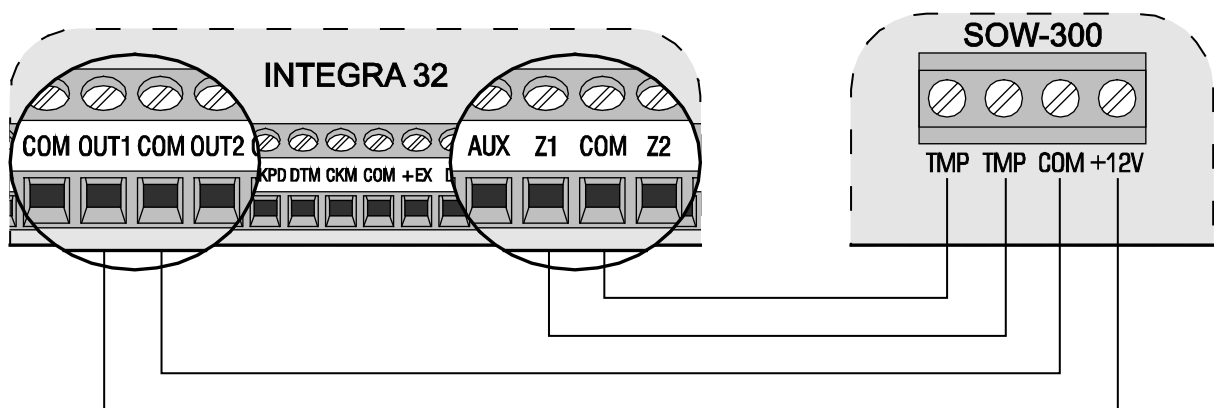
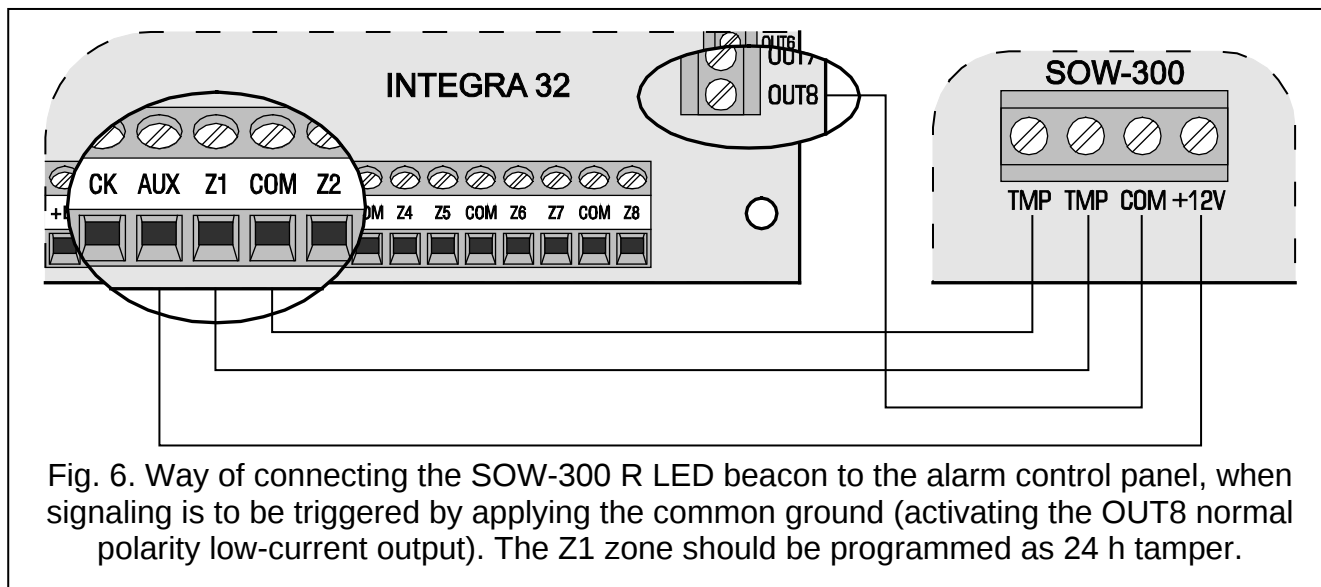


Fig. 5. Way of connecting the LED beacon to the alarm control panel, when signaling is to be triggered by applying +12 V voltage (activating the OUT1 normal polarity high-current output). The Z1 zone should be programmed as 24 h tamper.

- The LED beacon may only be used indoor.
- The LED beacon should be installed on a flat surface by means of screws and expansion bolts.
- All connections should only be made after the alarm system power supply has been disconnected.



5. SPECIFICATIONS

Power supply voltage	12 V DC $\pm 15\%$
Maximum current consumption	
SOW-300 R / SOW-300 O	44 mA
SOW-300 BL	85 mA
Environmental class according to EN50130-5	II
Operating temperature range	$-10...+55\text{ }^{\circ}\text{C}$
Maximum humidity	$93\pm 3\%$
Dimensions	$\varnothing 97 \times 37\text{ mm}$
Weight	50 g

The declaration of conformity may be consulted at www.satel.eu/ce

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