SOW-300
INDOOR LED BEACON

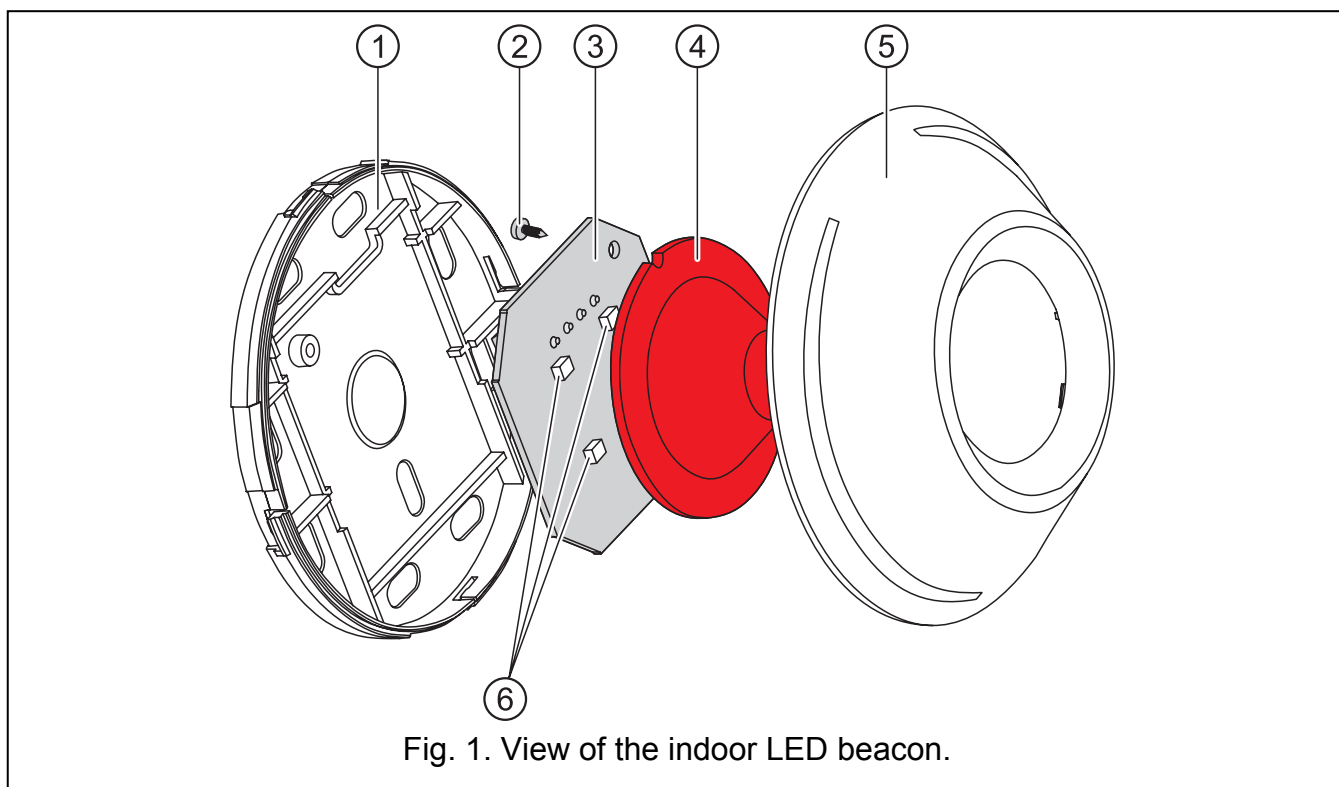CE

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

1. FEATURES

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

Fig. 1. View of the indoor LED beacon.

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.
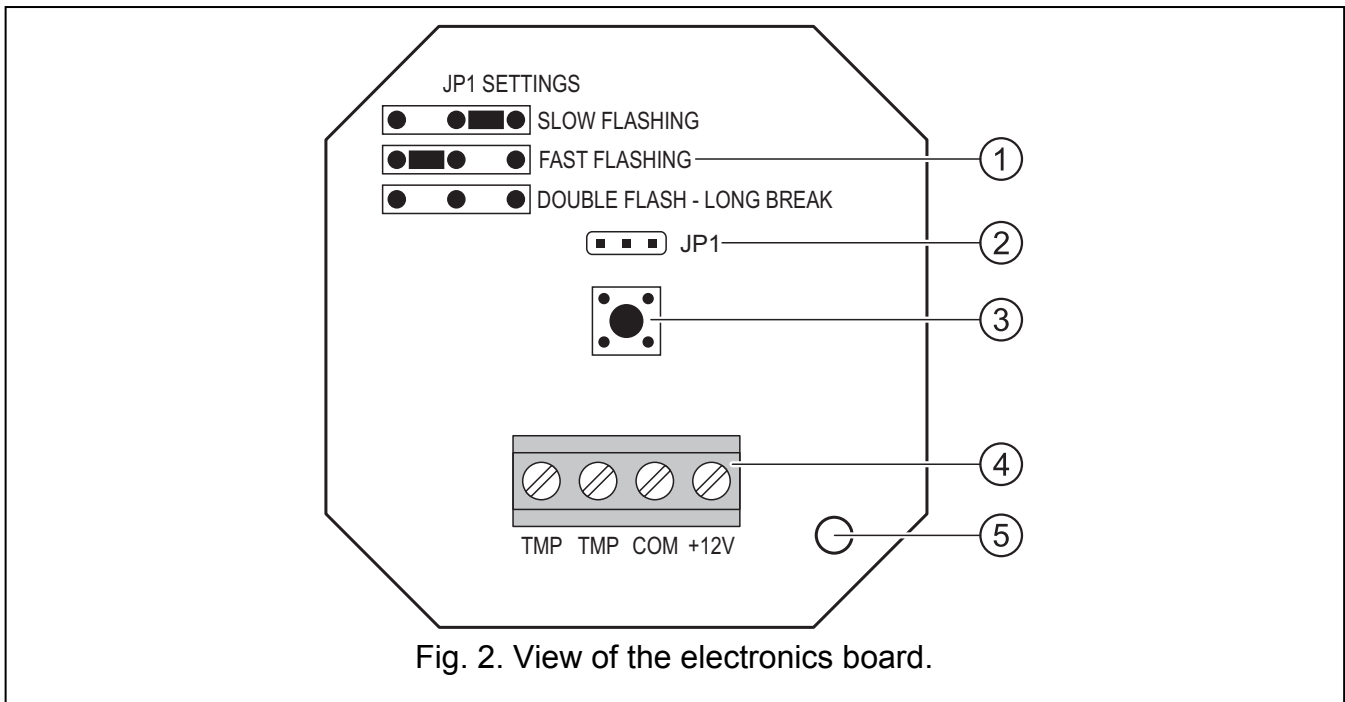5 - cover.
6 - LEDs.

2. DESCRIPTION OF ELECTRONICS BOARD

Fig. 2. View of the electronics board.

Explanations for Figure 2:

1 - way of placing jumpers for suitable signaling mode:

   - slow flashing (once a second),

   - fast flashing (twice a second),

   - two flashes, followed by a 1-second pause.

2 - JP1 pins for selecting the signaling mode.

3 - tamper contact reacting to housing opening.

4 - terminals:

   TMP - tamper contact.

   COM - common ground.

   +12V - power supply input.

5 - fixing screw hole.

3. INSTALLATION AND CONNECTION

- 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.
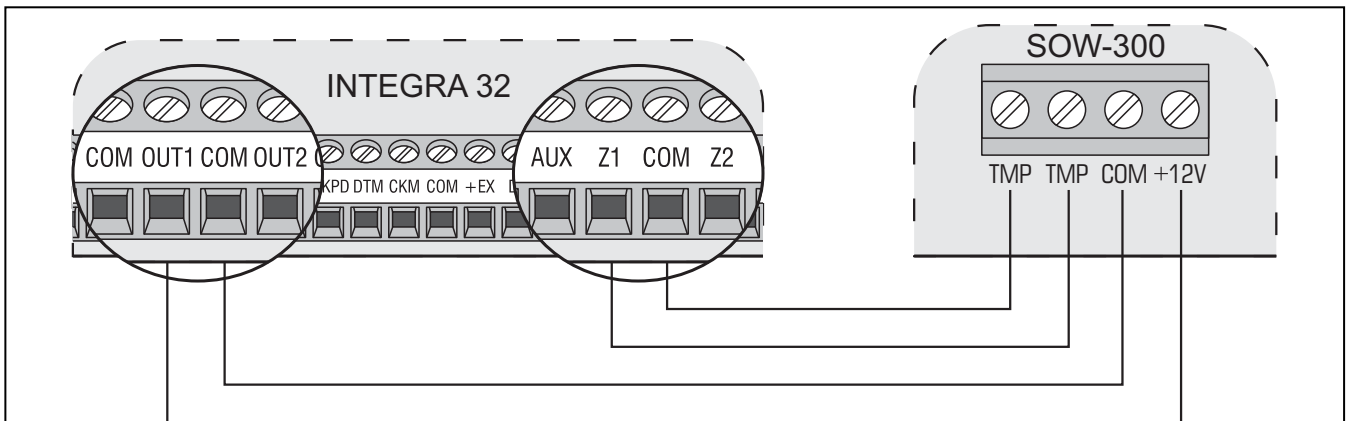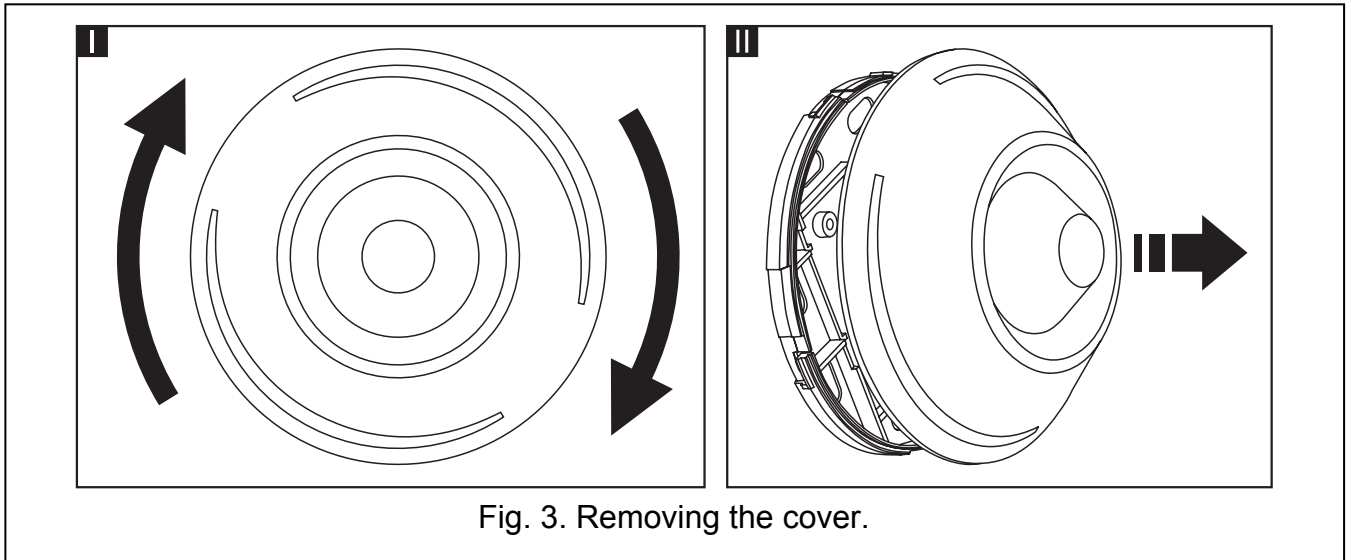
Fig. 3. Removing the cover.

Fig. 4. 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.
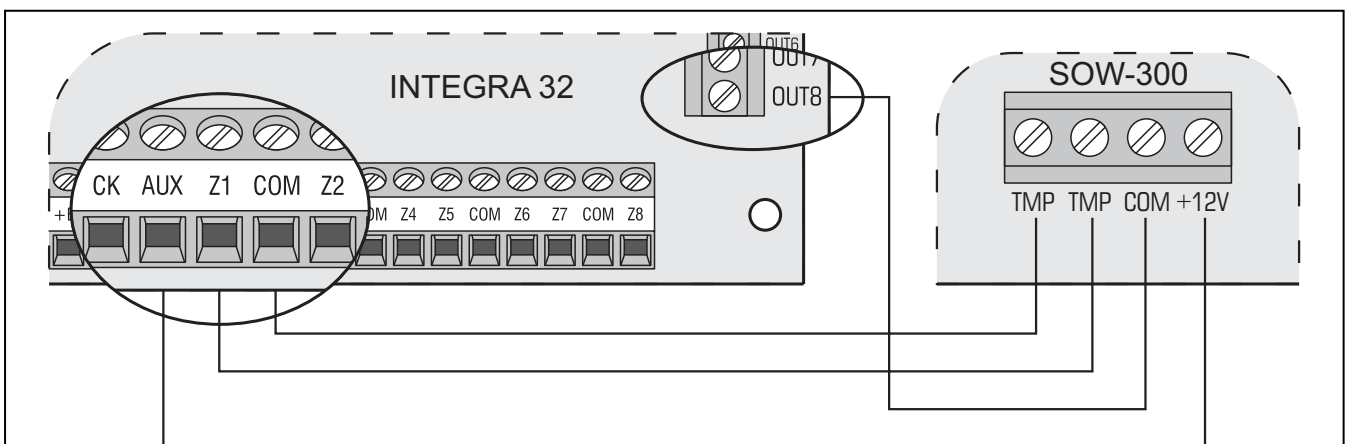

Fig. 5. Way of connecting the SOW-300 R LED beacon to the alarm control panel, when signaling is to be triggered by applying the common ground (activating the OUT8 normal polarity low-current output). The Z1 zone should be programmed as 24 h tamper.

4. SPECIFICATIONS

Power supply voltage .... 12 V DC ±15%
Maximum current consumption
        SOW-300 R ....44 mA
        SOW-300 BL..85 mA
Environmental class .... II (EN50130-5)
Operating temperature range...-10...+55 °C
Dimensions .... ø 97 x 37 mm
Weight...48 g

The latest EC declaration of conformity and product approval certificates are available for downloading on website **www.satel.eu**	CE

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