

# SVIREL-2 rev.01

## SOUND ALARM

### INSTRUCTION MANUAL

#### GENERAL

Svirel-2 rev.01 sound alarm is designed to generate sound in case of detecting intrusion to the protected premises and issue emergency audible signals inside or outside the premises.

The Svirel-2 rev.01 provides cooperating with such control and indicating equipment (CIE) as Signal-VK-4, Signal-20, Signal-20P, and similar devices which have output contacts which the device in the alarm mode can apply voltage of direct current to the Svirel-2 rev.01 through.

The Svirel-2 rev.01 is to be powered by a 12 vdc power supply.

#### SPECIFICATION

Sound Pressure Level	100 dB at 1 m
Sound Carrier Frequency	2000-4000 Hz
Consumed Current	300 mA max
Pre-operation Time	1 s max
Continuous Operation Time	10 minutes min
Operating Temperatures	- 30°C to + 45°C
Relative Humidity	up to 100% at + 40°C condensing
Overall Dimensions	66 mm × 92 mm × 118 mm
Weight	0.6 kg max

#### WIRING DIAGRAM

Figure 1 shows common schematic for wiring the Svirel-2 rev.01 to a control and indicating equipment (CIE).

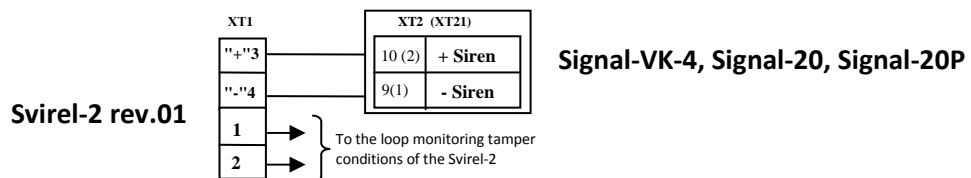


Figure 1

#### MOUNTING

Figure 2 shows the drilling pattern for attaching the Svirel-2 rev.01.

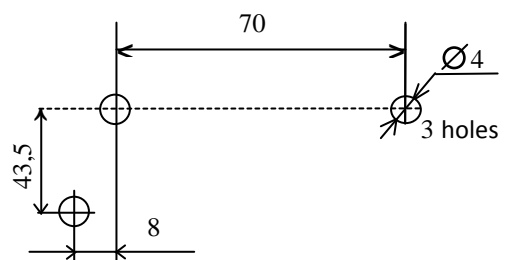


Figure 2

## **TESTING**

1. Before testing the Svirel-2 rev.01 inform the relevant departments about performing a test.
2. Ensure the light and sound alarm has no damages.
3. Turn the Svirel-2 rev.01 on for a time no more than 10 minutes.
4. Make sure the light indicators of the Svirel-2 rev.01 operates normally and sound is not distorted (no rattles, bounce, etc.).
5. From the side of CIE the Svirel-2 rev.01 is connected to, detach the wires of the tamper condition monitoring loop which are connected to the Svirel-2 rev.01 tamper switch within the alarm.
6. Using an ohmmeter measure the resistance of the wires of the tamper condition monitoring loop which are connected to the Svirel-2 rev.01 tamper switch. If the ohmmeter shows a short circuit failure this circuit is correct.
7. Resistance value's exceeding 20 kOhm means that either the Svirel-2 rev.01 is open or the wire has a defect. Close the Svirel-2 rev.01. To solve problems of wires, forward the Svirel-2 rev.01 to the Installer.
8. After testing connect the tamper condition monitoring loop to the CIE terminals and inform the relevant department that the system is ready to operate.

## **MAINTENANCE**

Inspect your light and sound alarm regularly.

Every month inspect the Svirel-2 rev.01 as described by Steps 1 to 4 above.

And also, every year inspect the Svirel-2 rev.01 as described by Steps 5 to 8.