

SF 100

Conventional Sounder with Strobe

EN54-3

Description

SF 100 is a conventional wall mount sounder and strobe, designed for installing in conventional fire alarm systems. Supports 32 different tone types and two sound levels, controlled by jumpers. SF 100 sounder is equipped with two additional separate inputs for Alarm and Evacuation events. The tone sounds of the inputs are different for easy recognition on the protected site. The Evacuation event is with the highest priority. Designed to comply to EN 54, parts 3.

Technical and Environmental Specifications

- Operating Voltage Range 20-28VDC
- Maximal consumption:
 - low volume level, with enabled strobe 12mA @ 24VDC
 - low volume level, no strobe 8.5mA @ 24VDC
 - high volume level, with enabled strobe. . . . 25mA @ 24VDC
 - high volume level, no strobe. 22mA @ 24VDC
- Two sound levels (selectable from the sounder):
 - low volume ~94dB @ 1m
 - high volume ~102dB @ 1m
- Sounder type Piezo
- Number of tone types 32
- Wire Gauge for terminals 0.4 - 2.0mm²
- Operating temperature -10°C to +60°C
- Relative humidity resistance (93 ± 3)% @ 40°C
- Protection. IP21C
- Weight ~248g
- Dimensions 102x32mm
- Color red
- Material SAN, transparent red



Packing Information

- **Packing box** - 1 unit SF 100, dimensions 108/108/48 mm.
- **Carton box** - 100 units SF 100, dimensions 560/362/230 mm.

Compatible Product Range

- **MAG 2/4/8/8 Plus** - Conventional Fire Alarm Panels
- **SensoIRIS MOUT** - Potential output for conventional sounders
- **IRIS/SIMPO** - Addressable fire alarm panels






























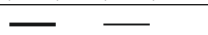


Contact Information:

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Supported Tone Types and Description

Tone	Tone Type	Tone Description / Application
1		970Hz
2		800Hz/970Hz @ 2Hz
3		800Hz - 970Hz @ 1Hz
4		970Hz 1s OFF/1s ON
5		970Hz, 0.5s/ 630Hz, 0.5s
6		554Hz, 0.1s/ 440Hz, 0.4s (AFNOR NF S 32 001)
7		500 - 1200Hz, 3.5s/ 0.5s OFF (NEN 2575:2000)
8		420Hz 0.625s ON/0.625s OFF (Australia AS1670 Alert tone)
9		500 - 1200Hz, 0.5s/ 0.5s OFF x 3/1.5s OFF (AS1670 Evacuation)
10		550Hz/440Hz @ 0.5Hz
11		970Hz, 0.5s ON/0.5s OFF x 3/ 1.5s OFF (ISO 8201)
12		2850Hz, 0.5s ON/0.5s OFF x 3/1.5s OFF (ISO 8201)
13		1200Hz - 500Hz @ 1Hz (DIN 33 404)
14		400Hz
15		550Hz, 0.7s/1000Hz, 0.33s
16		1500Hz - 2700Hz @ 3Hz
17		750Hz
18		2400Hz
19		660Hz
20		660Hz 1.8s ON/1.8s OFF
21		660Hz 0.15s ON/0.15s OFF
22		510Hz, 0.25s/ 610Hz, 0.25s
23		800/1000Hz 0.5s each (1Hz)
24		250Hz - 1200Hz @ 12Hz
25		500Hz - 1200Hz @ 0.33Hz
26		2400Hz - 2900Hz @ 9Hz
27		2400Hz - 2900Hz @ 3Hz (2500Hz main sound frequency)
28		800Hz - 970Hz @ 100Hz
29		800Hz - 970Hz @ 9Hz
30		800Hz - 970Hz @ 3Hz
31		800Hz, 0.25s ON/1s OFF
32		500Hz - 1200Hz, 3.75s/0.25s OFF (AS2220)

Contact Information: