

SF 100

EN54-3/23

Conventional Sounder with Strobe for indoor mounting

Description

SF 100 is 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. SF100 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 3/23.



Technical and Environmental Specifications

Operating Voltage Range	20-28VDC
Maximal consumption:	
- low volume level, with enabled strobe	22mA
- low volume level, no strobe	9mA
- high volume level, with enabled strobe	25mA
- high volume level, no strobe.	12mA
Two sound levels (selectable from the sounder):	
- low volume	92dB
- high volume	100dB
Sounder type	Piezo
Number of tone types	32
Wire Gauge for terminals	0,4 - 2.0mm ²
Operating temperature	-10°C to +50°C
Relative humidity resistance	(93 ± 3)% @ 40°C
Protection	IP21C
Weight	140g
Dimensions	102x34mm
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
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: