

# Intellia Sounder Addressable 100dB ESI-50

Instruction Sheet  
R10026GB2



## **Schneider Electric Fire & Security Oy**

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Document number: R10026GB2  
Published: 05.05.2021

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# 1 **Intellia Sounder Addressable 100dB ESI-50 overview**

The Loop Powered 100dB Sounder (Red: FFS06728050, FFS06728050SA) and SOUNDER ADDR 100dB WHITE 55000-279APO (White: FFS06728051) are designed for use in open areas and can be connected to the Esmi Sense FDP detection system. The sounder is available in white and red.

The Intellia series of products are all compatible with the ALC-board of an Esmi Sense FDP panel.

The 100dB sounder is connected to the FX loop and is powered and controlled via the loop by the control and indicating equipment.

A nominal sound output of 100 dB(A) is achieved at a current consumption of only 5 mA. The maximum number of sounders that may be connected to a particular loop should be determined by a loop loading calculation (O1942GB).

## 1.1 **Electrical considerations**

The Loop Powered 100dB sounder is line powered and needs no external power supply. It operates at 17 – 28 VDC and is polarity-sensitive.

## 1.2 **Tone Frequency and Volume control**

The sounder produces a pulsed alert tone of 984 Hz, 1 second off and 1 second on, and a continuous evacuation tone of 644 Hz for 0,5 seconds followed by 984 Hz for 0,5 seconds.

The volume control can be used to adjust the sound from 100 dB(A) to 92±3 dB(A) if required.

The sounder also offers synchronisation of continuous and pulse tones. This ensures the integrity of the alert signals – tones from different sounders do not merge into one signal that could be mistaken for an 'evacuate' tone.

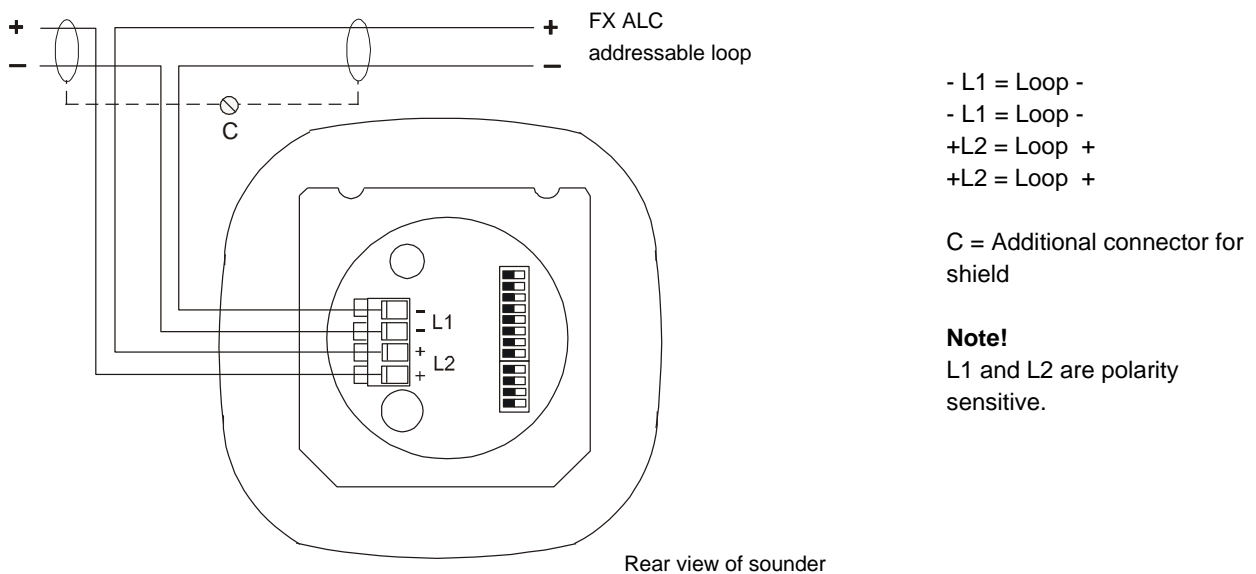
### 1.3 Addressing

The Loop Powered 100 dB sounder responds to its own individual address set with a DIL switch.

### 1.4 Mechanical Installation

The Loop Powered 100dB sounder has a removable back box with 6 knockouts for surface mounting. It is moulded in red/white ABS.

### 1.5 Schematic Diagram & Wiring Connections



### 1.6 Product codes

Product	Product code
Intellia Sounder Addressable 100dB ESI-50 (red)	FFS0672 8050 and FFS0672 8050SA
SOUNDER ADDR 100dB WHITE 55000-279APO	FFS06728051
Weatherproof 100dB Sounder, red	FFS0672 8040

Schneider Electric reserves the right to modifications.