



## SE-1 AND SW-1 WARNING DEVICES

### Overview

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The SE-1 and SW-1 warning devices are designed as an evacuation warning for the personnel present near the extinguishing area, that an extinguishing procedure has started and an extinguishing agent is discharged. The warning devices can interoperate with the IGNIS 1520M automatic fire extinguishing system controller manufactured by POLON-ALFA. The warning devices are designed for indoor installation.

### Principles of operation

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#### The SE-1 evacuation warning device

The SE-1 evacuation warning device, after receiving a signal from the automatic fire extinguishing controller, informs the personnel about the necessity to leave the hazardous area, with a flashing light and an audio signal.

#### The SW-1 warning device

The SW-1 warning device, after receiving an automatic fire signal from the extinguishing controller informs the personnel about the necessity to evacuate the hazardous area with a flashing light and an audio signal.

The light frequency for both signalling devices is 1Hz (1 sec. signal and 1 sec. pause) in the interoperation with the IGNIS 1520M control panel.

### Design

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The SE-1 and SW-1 warning devices have two-part housings with an electronic board, LED diodes and a built-in buzzer. They can be installed either flush with a wall or as a suspended device. Installation details are included in the product technical documentation. The buzzer signals include an internal acoustic signal of about 65 dB sound intensity heard from a distance of one meter from the device.

The signalling warning devices are labelled:

- on SE-1 evacuation warning device:  
"ATTENTION!; AUTOMATIC EXTINGUISHING; EVACUATE THE ROOM"
- on SW-1 warning device:  
"ATTENTION!: EXTINGUISHING AGENT; DO NOT ENTER".

### Technical specifications

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Operating voltage	12 V ÷ 30 V
Frequency of pulsating light working with IGNIS 1520M controller	1 Hz
Sound intensity heard from one meter	65 dB
Max wire cross section	1.5 mm <sup>2</sup>
Ingress protection	IP 30
Mass	0.38 kg
Labelling legibility	> 6 m by 500 lux at the surface
Dimensions	260 x 191 x 52 mm