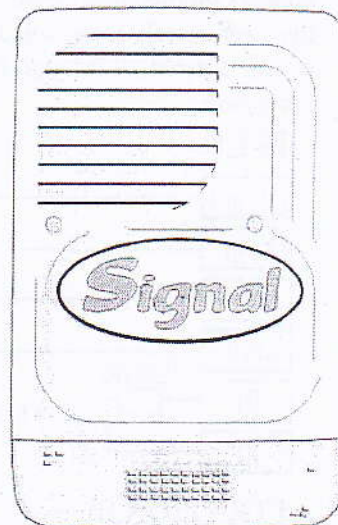


## PS-128F Outdoor Fire Siren

### Technical Data

|                              |                           |
|------------------------------|---------------------------|
| Power supply                 | 20...28V                  |
| Standby current consumption  | 10mA                      |
| Charging current consumption | max. 100mA                |
| Current load during work     | Supply by Battery         |
| Back-up battery              | 12V/ 4Ah or 7 Ah          |
| Sound Mode (vary)            | 900... 2400Hz             |
| Sound pressure               | 118 dB                    |
| Product                      | B type (Outdoor)          |
| Protection level             | IP 33C                    |
| Wires                        | 0,22...1,5mm <sup>2</sup> |
| Weight (without battery)     | 3 Kg                      |
| Sizes                        | 295X200X100mm             |
| Operating temperature        | -40...+85°C               |
| Max humidity                 | 95% RH                    |
| Self Test                    | Battery, Lamp, Horn       |



### Overview

The PS-128F fire siren device are designed for application in the fire alarm systems.

Way of example it could be connected to fire loop four,-three, -two wires or deenergized starting ways.

In case of four wires mode used the siren able to trouble event send to the fire control panel, such that end of resistance of the loop is interrupted. So the fire control panel indicated the signal loop fault. The siren is provided sound and lights, while the siren given signal trigger from fire control panel.

### Installation

The device of package contents a paper template. So we can mounted the siren on the flat wall easier. With this template paper could be made a mark on the wall for wire, bolt and wall-plug. Please removed the siren of cover and mounted it on the wall by four screws.

### Jumpes

Before setting of jumpers must be power off at the device.

„**Tamper**”: If necessity, place of jumper can be connected the tamper switcher; without tamper switcher leave it on.

„**Relay**”: Felhelyezésével a a lezárást megszakító relé iktatható ki (hibajelentés tiltása).

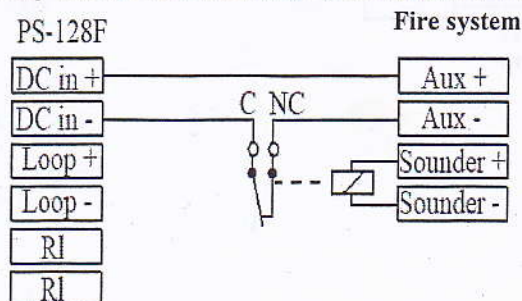
„**1**”: Felhelyezésével a tápellvételes indítás tiltható, eltávolításával engedélyezhető.

„**2**”, „**3**”: Not used (reserved).

### Connectin Modes:

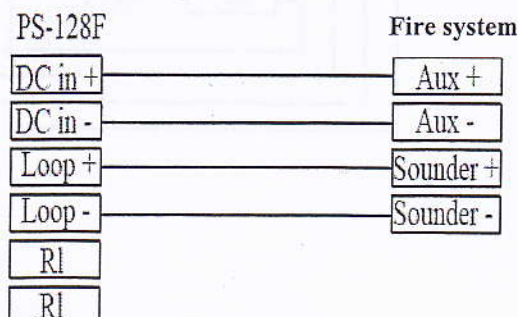
#### 1. mode: Two wires non-supervised (deenergized) starting mode:

If you removed the „1” jumper it can be enable the deenergized starting mode. In case of enought two wires. The Siren of DC + (+24V) and DC - (GND) points, connected by relay to the Aux+ and Aux- of the fire svstem.



#### 2.mode:Four wires non-supervised starting mode:

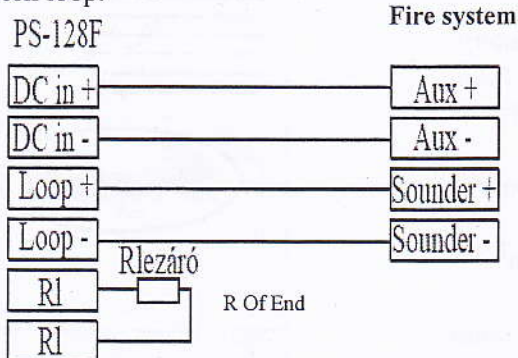
Better than the first version, that power outage will not start. It is advantageous if the siren is not the last member of the loop. The disadvantage is that the control panel does not detect errors then declared.





### 3. mode: Four wires supervised starting mode:

In case of failure of the fire alarm control panel appears on the siren circuit fault is indicated by the siren briefly interrupted by the closure, which is detected through the center of the horn loop.



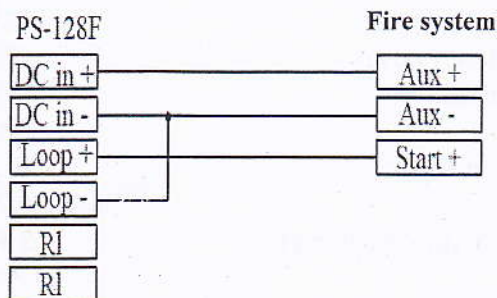
#### ATTENTION !!!

The third version connection is not working properly in all fire alarm system. In any case, make sure the compatibility before installation, check with the manufacturer or distributor of fire alarm system, refer to the document.

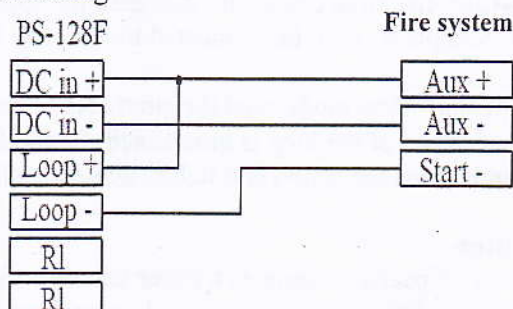
### 4. mode: Threer wires starting mode:

The siren of two wires power supply required and for the sartin signal just one wire requird. The trigger signal can be connected in two ways, depending on the polarity.

If the trigger signal polarity is positive(Start+), so positive voltage given for siren DC in, it must be connected to the following



If the trigger signal polarity is negative, so that 0V voltage given for siren DC in, for the fire alam of satrtng in is about 0V when the siren is working. it must be connected to the following



### Start up, Installation:

If you sure the wiring is correct, reconnect the battery negative terminal of the black wire to the positive pole of the red. Then, turn on the power supply (24V), and turn on the fire control panel too. If the battery is new or has been discharged, it may indicate a fault until the battery reaches the proper level. If the error persists even after two days, check up the siren, if necessary, contact your dealer. If everything works, unscrew the two screws on the cover.

### The loop of siren circuit

If a PS-128F is not the last of the siren circuit, the outgoing wire to the R + and R- terminals connected polarity, as shown below.

