

# ▶ SOUNDER WITH VISUAL ALARM DEVICE (VAD)

## SAO-P8



### DOCUMENTS ISSUED BY CNBOP-PIB:

- CPR CERTIFICATE
- CERTIFICATE OF APPROVAL (valid for SAO-P8/CC variety)



### ▶ Technical data:

Type	sounder with VAD
Supply voltage	16-32,5 V DC
Current consumption in off state	0 mA
Current consumption in on state	<94 mA*
Power consumption in on state	<2,26 W*
Sound output	>100 dB*
Flash frequency	0,5 Hz
Flash time	~150 ms
Time between flashes	~1850 ms
Device category	O
Device type	type A
Working temperature	-10°C ÷ +55°C
IP protection degree	IP33
IK protection degree	IK07
Conductor cross-section	2,5 mm <sup>2</sup>
Dimensions	ø114x100 mm
Weight	~275 g

\*for default settings (supply voltage  $U_z=24$  V DC, fire service signal, potentiometer maximum, optional gradual volume increasing – ON, optical shape 3m)

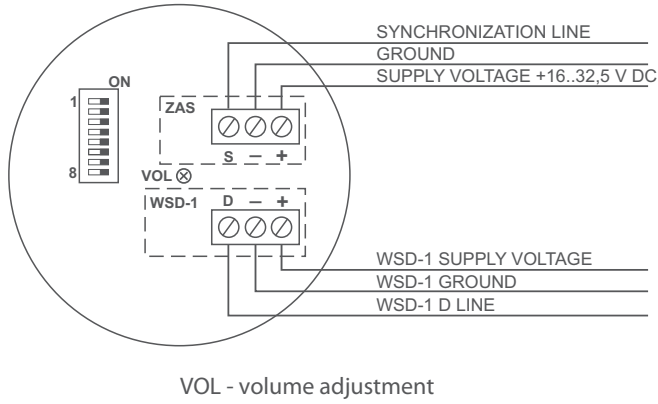
### ▶ Product description:

- Alarm signal sequence in accordance with EN 54-3:2001+A1:2002+A2:2006.
- Optical part in accordance with EN 54-23:2010.
- High sound level of generated alarm signal.
- 16 sound patterns to choose.
- Gradual volume increasing option.
- Built-in potentiometer to control sound level.
- Possibility to choose 1 of 4 optical shapes (3m, 6m, 9m, 12m).
- Reinforced housing IK07.
- Inrush current limiter.
- Synchronization option (acoustic and optical part).
- Also possible to synchronize with: SA-P8 and SA-K5N (acoustic part), SO-P8 (optical part), SA-K7N and SAOZ-Pk2 (acoustic and optical part).
- Cooperates with: PIP-1AN, PIP-3AN, OM-1, OZ-50-3, WSD-1.

### ▶ Varieties:

Varieties	Description
SAO-P8/CC	sounder with VAD in red housing, red light
SAO-P8/CB	sounder with VAD in red housing, white light
SAO-P8/CM	sounder with VAD in red housing, alternating red and white light
SAO-P8/BC	sounder with VAD in white housing, red light
SAO-P8/BB	sounder with VAD in white housing, white light
SAO-P8/BM	sounder with VAD in white housing, alternating red and white light

**Connection diagram:**



Microswitch	Mark	Function
1	M/S	Operating mode selection MASTER (ON)/ SLAVE (OFF)
2	S0	Sound pattern selection
3	S1	Sound pattern selection
4	S2	Sound pattern selection
5	S3	Sound pattern selection
6	VR	Optional gradual volume increasing (ON)
7	L0	Optical shape selection
8	L1	Optical shape selection

**Synchronization scheme example:**

