

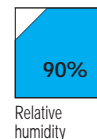
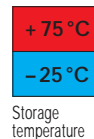
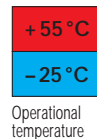
Speech and Tone sounder 110 dB(A) / 105 dB(A)



PAS 106 / PAS 110

PAS 106 / PAS 110 with improved voice quality!

- free text programming without programming device (integrated microphone)
- sound level 105 dB(A) or 110 dB(A)
- records 1 x 16 sec. message or 2 x 8 sec. two stage message
- 9 different alarm tones (DIN tone)
- volume control via potentiometer up to 20 dB(A)
- combination tone / speech message



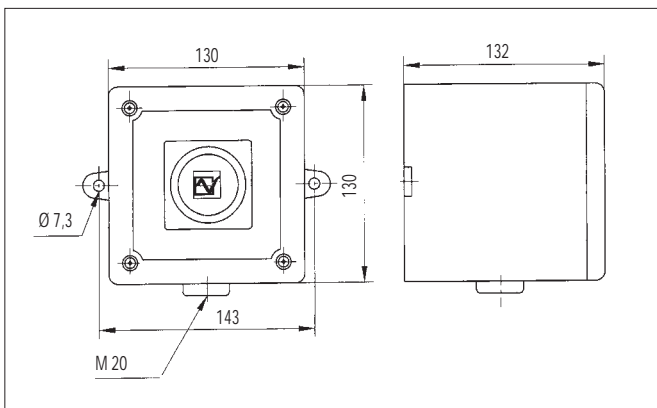
Technical data

	PAS 106	PAS 110
Nominal voltage:	12 V DC / 9 - 18V DC	12V DC / 9 - 18V DC
	24 V DC / 18 - 30V DC	24V DC / 18 - 30V DC
	110V AC +/- 10%	110V AC +/- 10%
	230V AC +/- 10%	230V AC +/- 10%
Sound level:	105 dB(A) at 1 m distance voice 5 dB below tone	110 dB(A) at 1 m distance voice 5 dB below tone
Current: consumption	150 mA - 12V DC (max. volume)	400 mA - 12V DC (max. volume)
	180 mA - 24V DC (max. volume)	440 mA - 24V DC (max. volume)
	200 mA - 110V AC	130 mA - 110V AC
	90 mA - 230V AC	65 mA - 230V AC
Duty cycle:	100%	

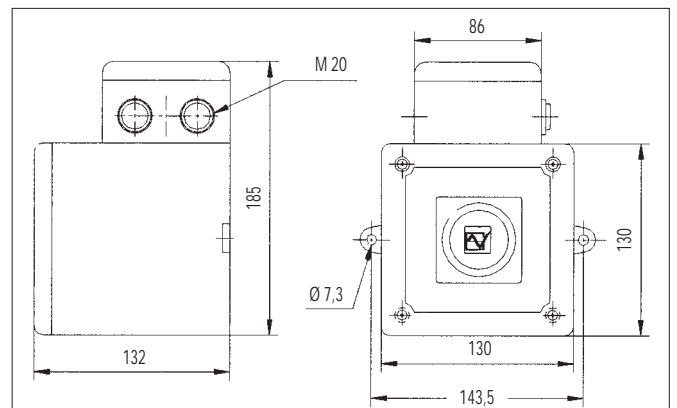
Mechanical data

Cable gland:	M 20
Weight:	PAS 106: 550 g
	PAS 110: approx. 1200 g
Material:	ABS, self-extinguishing similar to UL 94 VO
Colour:	similar to RAL 3000 (flame-red)
Protective system:	IP 55 (EN 60529)

PAS 106 DC:



PAS 106 AC:



Sound patterns:

Tone- & Frequency selection			
Stage 1	Frequency description	Tone length	Stage 2
1	Alternating tone 800 / 1000 Hz, at 0,5 s intervals	4 cycles	1
2	Slow whoop 500 / 1200 Hz, duration 2,5 s, 0,5 s gap	2 cycles	2
3	Sawtooth 1200 / 500 Hz within 1 s	4 cycles	3
4	Alternating tone 544 / 440 Hz at 100 / 400 ms)	4 cycles	4
5	Continuous tone 1000 Hz	2 secs	5
6	Simulated bell sound	2 secs	6
7	Interrupted tone 1000 Hz 1 s signal, 1 s gap, General Alarm	3 cycles	7
8	Australian alert, 420 Hz with 0,625 s intervals	4 cycles	8
9	Australian evacuate, 500/1200 Hz within 1 s	2 cycles	9
10	No tone – 0,5 s gap bewtween messages or 2 s gap, when 2nd message length option is selected		10

Attention: Total message length max. 16 s, or 2 stages à max. 8 s!

- exact definition of alarms and warnings
- any message in any language recordable
- easy programming with integrated microphone
- low power consumption and thus long alert notice with emergency power
- suitable for USV-Systems because of 12V and 24V rated voltage
- volume control with potentiometer up to 20 dB (A)
- no ELA-Systems for speech reproduction
- excellent clear message playback

PAS 110:

