

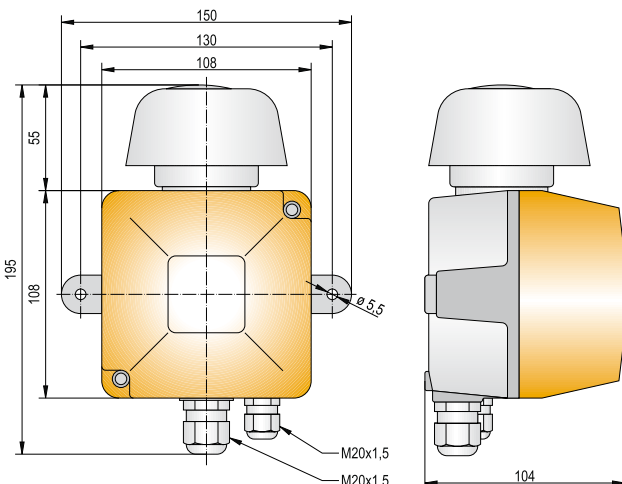
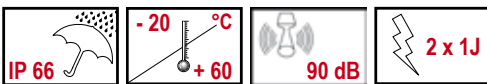
Explosion-proof Visual-Audible Telephone Call Signalling Sounder VS1



II 2 G Ex e mb [ib] IIC T6/T5/T4 Gb
-20 °C ≤ Ta ≤ +40 °C/+50 °C/+60 °C
Zone 1, 2

Features

- Explosion-proof visual-audible telephone call sounder for universal applications in industrial explosion endangered areas
- For distinct signalling of incoming telephone calls in loud ambient conditions
- 3 tone types and up to 4 tone frequencies selectable via DIP switch
- 230 V power supply
- Strobe beacon with call break bridging, 5 lens colours



DIP Switch	Mode
☐☐☐☐	Telephone Call Secondary Sounder
☐☐☐☐	Signalling Sounder

Tone setting		
Tone Type	DIP Switch	Tone Sequence/Sequence Frequency
Single tone	☐☐☐☐	continuous tone
	☐☐☐☐	120 ms on 50 ms off
Two tone	☐☐☐☐	16,6 Hz
	☐☐☐☐	50 Hz
Three tone	☐☐☐☐	16,6 Hz
	☐☐☐☐	50 Hz
	☐☐☐☐	120 ms on 50 ms off
	☐☐☐☐	60 ms on 25 ms off



Technical data

Type	VS1
Housing, colour	aluminium die-cast, black RAL 9005
Lens, colour	polycarbonate, amber, red, clear, blue, green
Mounting	wall or ceiling
Weight	1,5 kg
Audible Signalling	loudspeaker
Tone types	one-/two- or three tone selectable with DIP switch
Visual signalling	2 xenon tubes with ~ 1 J 230 V AC -15 % +10 %, 50 Hz, 60 Hz
Power supply	230 V AC -15 % +10 %, 50 Hz/60 Hz
Strobe frequencies	1-2 Hz
Terminal	up to 1,5 mm ² single or fine wire
Cable entry	2 x M20x1,5
Cable diameter	6-12 mm (230 V mains) 5-10 mm (telephone circuit)
Telephone connection	30 V AC-75 V AC, 23-54 Hz 0-63 V DC
Duty cycle factor	≤ 60 min. at Ta +60 °C ≤ 15 min. at 60 Hz (30 min. pause)
Approval	PTB 04 ATEX 2012



Order data

Type	Order No.	Denomination
VS1	410 10C 005	Ex-proof visual-audible telephone call signalling sounder

Colour code for lens

1	amber	5	blue
2	red	6	green
4	clear		

