

VS1 Explosion-proof visual-audible signalling sounder

- For universal industrial use
- Certified for gas hazardous areas of zone 1 and 2
- Several tones/intermittent tone frequencies can be selected
- 2× 1 J strobe energy

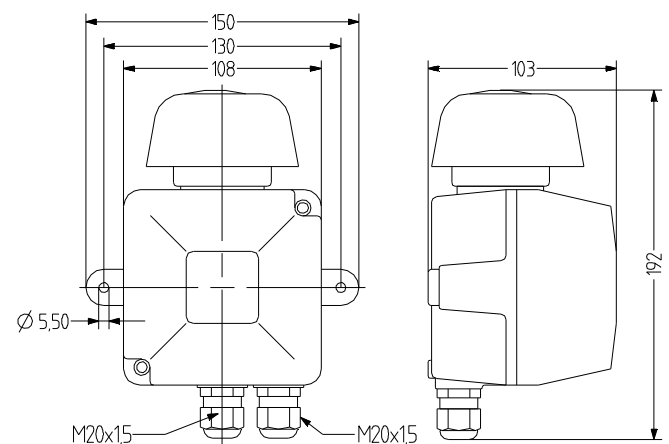
- Die-cast aluminium housing
- 5 lens colours
- Degree of protection IP 66
- Encapsulation "m"
- Terminal connection chamber "increased safety e"
- 230 V AC power supply

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



TECHNICAL DATA

audible signal transmitter	Loudspeaker
visual signal transmitter	2 flashtubes with 1 J
Tone ringing volume	90 dB
Mains connection	230 V AC -15% +10%, 50/60 Hz
Type of ignition protection	≤ 60 min at Ta +60°C ≤ 15 min at 60 Hz (30 min pause)
Telephone connection	30 V AC - 75 V AC 23-54 Hz 0-63 V DC
Housing	Die-cast aluminium black (RAL 9005)
Lens	Polycarbonate, orange, red, clear, blue or green
Type of mounting	Wall mounting or Ceiling mounting
Cable entry	2× cable glands M20 × 1.5 6-12 mm (main circuit) 5-10 mm (telephone circuit)
Connection technology	up to 1.5 mm² single or fine wire
Strobe/flash frequency	1-2 Hz
Tone	3 Tones, One tone, Two tones or Three tones Can be adjusted with DIP switch
Duty cycle	≤ 60 min at Ta +60°C; ≤ 15 min at 60 Hz (30 min pause)
Operating temperature	-20 °C / +60 °C
Degree of protection	IP66
Approval	PTB 04 ATEX 2012
Weight	1,42 kg



VS1

ORDER DATA

Lens colour	Order number
orange	410 101 005
red	410 102 005
clear	410 104 005
blue	410 105 005
green	410 106 005

