

Installation Guide

Danfoss Gas Sensor

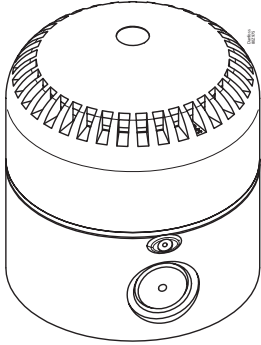
Strobe and Horn



084R8069



AN451738003779en-000101



Code no. 080Z2822

Alarm Sounder

Current consumption 12 V DC: 23 mA (Siren) / 30 mA (Flash) / 38 mA Siren + Flash
 Current consumption 24 V DC: 32 mA (Siren) / 28 mA (Flash) / 45 mA Siren + Flash
 Operating voltage: 12 – 24 V DC
 IP rating: IP 65
 Operating temp.: -40 – +55 °C
 Sound output: intermitten 1000 Hz, max. = 94 dB(A)
 1m Med = 85 dB(A)
 1m Min = 73 dB (A) 1m
 Number of user-selectable tones: 32
 Lens colour: Red
 Material: PC
 Fuse wire protection: On the power supply line the rating of the supply fuse must be according to the voltage.

IP 65

Class 2

Wiring

- 1.
- 2.
- 3.
- 4.
- 5.

Dimensions and appearance

Supply voltage to DGS is DC

--- A=Strobe & Horn on Rel. 1
 --- B=Strobe on Rel. 1, Horn on Rel. 3 (failure)
 --- D=Bottom / digital input

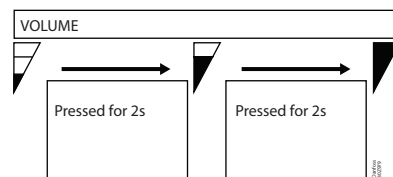
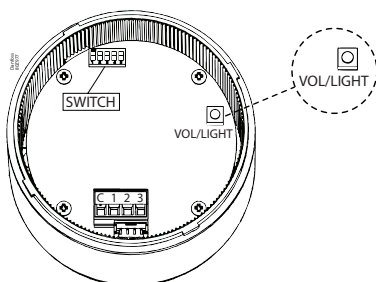
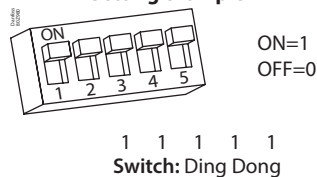
Assembly

Warnings:

Installation has to be done by qualified personnel.
 Not to be disposed as common waste.
 The possibility exists that rapid flashing lights, under certain circumstances, might induce photosensitive epilepsy.
 Disconnect power before servicing.

Sound setting

Setting example



Switch a sounds

| No. | Tone | Tone type | F(Hz) | Times | Description | DIP Switch | | | | |
|-----|--------------------------|-----------|-------------|---------------------------------------|-----------------------------|------------|---|---|---|---|
| 1. | Intermittent | ----- | 1000 | 0.35s/0.35s | General Purpose | 0 | 0 | 0 | 0 | 0 |
| 2. | Bi-tone | ▬▬▬▬▬▬ | 440 – 560 | 0.565s/0.565s | Standard - Evacuation | 0 | 0 | 0 | 0 | 1 |
| 3. | Bi-tone | ▬▬▬▬▬▬ | 800 – 970 | 0.25s/0.25s | BS5839–1:2002 | 0 | 0 | 0 | 1 | 0 |
| 4. | Bi-tone | ▬▬▬▬▬▬ | 800 – 970 | 0.8s/0.8s | General Purpose | 0 | 0 | 0 | 1 | 1 |
| 5. | Bi-tone | ▬▬▬▬▬▬ | 1000 – 2000 | 1s/1s | General Purpose | 0 | 0 | 1 | 0 | 0 |
| 6. | Intermittent | ----- | 420 | 0.625s ON/0.625s OFF | Australia as1670 Alert Tone | 0 | 0 | 1 | 0 | 1 |
| 7. | Intermittent | ----- | 660 | 0.15s ON/0.15s OFF | Swedish (Air Raid) | 0 | 0 | 1 | 1 | 0 |
| 8. | Intermittent | ----- | 660 | 1.8s ON/1.8s OFF | Swedish (Local Warning) | 0 | 0 | 1 | 1 | 1 |
| 9. | Intermittent | ----- | 660 | 0.5s ON/0.5s OFF | Swedish General Purpose | 0 | 1 | 0 | 0 | 0 |
| 10. | Intermittent | ----- | 720 | 0.7s ON/0.3s OFF | General Purpose | 0 | 1 | 0 | 0 | 1 |
| 11. | Intermittent | ----- | 750 | 0.33s ON/0.5s OFF | General Purpose | 0 | 1 | 0 | 1 | 0 |
| 12. | Intermittent | ----- | 800 | 0.25s ON/1s OFF | General Purpose | 0 | 1 | 0 | 1 | 1 |
| 13. | Intermittent | ▬▬▬▬▬▬ | 970 – 800 | 0.35s/0.35s/0.35s OFF X 3 1.5s OFF | ISO 8201 | 0 | 1 | 1 | 0 | 0 |
| 14. | Intermittent | ----- | 970 | 0.5s ON/0.5s OFF X 3 1.5s OFF | ISO 8201 Low Tone | 0 | 1 | 1 | 0 | 1 |
| 15. | Intermittent | ----- | 970 | 0.25s ON/0.25s OFF | General Purpose | 0 | 1 | 1 | 1 | 0 |
| 16. | Intermittent | ----- | 2850 | 1s ON/1s OFF | General Purpose | 0 | 1 | 1 | 1 | 1 |
| 17. | Intermittent | ----- | 2850 | 0.25s ON/0.25s OFF | General Purpose | 1 | 0 | 0 | 0 | 0 |
| 18. | Linear | ▬▬▬▬▬▬ | 300 | - | General Purpose | 1 | 0 | 0 | 0 | 1 |
| 19. | Linear | ▬▬▬▬▬▬ | 660 | - | Swedish (All Clear) | 1 | 0 | 0 | 1 | 0 |
| 20. | Linear | ▬▬▬▬▬▬ | 750 | - | General Purpose | 1 | 0 | 0 | 1 | 1 |
| 21. | Linear | ▬▬▬▬▬▬ | 2850 | - | General Purpose | 1 | 0 | 1 | 0 | 0 |
| 22. | Sweep | ▬▬▬▬▬▬ | 500 – 1200 | 3.5s ON/0.5s OFF | Netherlands-NEN2575:2000 | 1 | 0 | 1 | 0 | 1 |
| 23. | Sweep | ▬▬▬▬▬▬ | 500 – 1200 | 0.5s ON/0.5s OFF X 3 1.5s OFF | Australia as1670 | 1 | 0 | 1 | 1 | 0 |
| 24. | Sweep | ▬▬▬▬▬▬ | 800 – 970 | 0.5s ON/0.5s OFF X 3 1.5s OFF | ISO 8201 | 1 | 0 | 1 | 1 | 1 |
| 25. | Sweep | ▬▬▬▬▬▬ | 1000 – 1700 | CYCLE 0.25s | Standard | 1 | 1 | 0 | 0 | 0 |
| 26. | Sweep | ▬▬▬▬▬▬ | 1000 – 1700 | CYCLE 0.8s | Standard | 1 | 1 | 0 | 0 | 1 |
| 27. | Sinusoidal | ▬▬▬▬▬▬ | 1000 – 3000 | CYCLE 0.64s | Standard | 1 | 1 | 0 | 1 | 0 |
| 28. | Single Shot Ding Dong | ▬▬▬▬▬▬ | 700 – 600 | 0.4s/0.7s | Single Shot Ding Dong | 1 | 1 | 0 | 1 | 1 |
| 29. | White Noise | ▬▬▬▬▬▬ | Random | - | Standard | 1 | 1 | 1 | 0 | 0 |
| 30. | Intermittent White Noise | ----- | Random | 0.5s ON/0.5s OFF | Standard | 1 | 1 | 1 | 0 | 1 |
| 31. | Ding Dong | ▬▬▬▬▬▬ | 700 – 600 | 0.9s/1.4s/1s OFF | Repeating Ding Dong | 1 | 1 | 1 | 1 | 0 |
| 32. | Ding Dong | ▬▬▬▬▬▬ | 554 – 440 | 0.9s/1.4s/1s OFF | Repeating Ding Dong | 1 | 1 | 1 | 1 | 1 |