# **SIEMENS**



AlgoRex Synova™ Sinteso™ Cerberus® PRO

# Audible alarm device

DB3

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For explosion-hazard areas of zones 1 and 2

- For fire detection and extinguishing systems
- Various programmable types of tone
- For indoor and outdoor applications
- Explosion protection category Ex d
- Flameproof alarm device the use of a shunt Zener diode barrier is not necessary

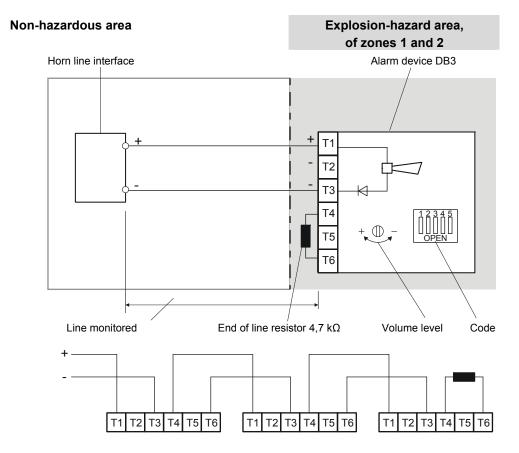
- The flame paths, flare and the body, are manufactured completely from UV stable glass reinforced polyester. Stainless steel screws and sinter are incorporated thus ensuring a corrosion free product.
- The DB3 audible alarm device is designed to the explosion protection category 'flameproof enclosure' Ex d: Those parts which could ignite an explosive atmosphere are contained in an enclosure which must be capable of withstanding the pressure of an internal explosion. The enclosure must also prevent this internal explosion from igniting an explosive atmosphere external to the enclosure.
- Only use the delivered cable gland, approved for explosion-hazard areas! If shielded cables are used, order the special type of cable gland (refer to details for ordering).

### **Application**

The DB3 flameproof audible alarm device intended for use in potentially explosive atmospheres has been designed with high ingress protection to cope with the harsh environmental conditions found offshore and onshore in the oil, gas and petrochemical industries.

#### Connection

- Equipment installed in explosion-hazard areas must always comply with local national regulations.
- The use of a shunt Zener diode barrier between explosion-hazard and nonhazardous areas is not necessary.



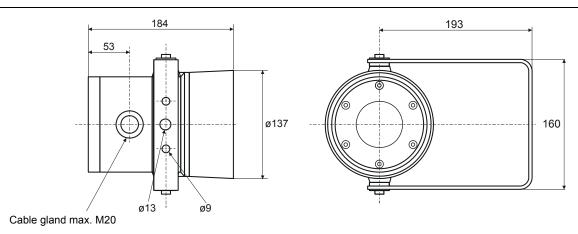
Further details can be found in the document

- 'Fire protection in explosion-hazard areas', no. 1204

# **Programming**

1	No.	Sound	Code	Description	Typical vol- ume level	Typical cur- rent con-
1   Alternating 800 Hz/970 Hz at 1/4 s   11111   BS5839 Part 1 1988   114   300			12345			sumption
1       Alternating 800 Hz/970 Hz at ¼ s       1 1 1 1 1 1 1 855839 Part 1 1988       114 300         2       Sweeping 800 Hz/970 Hz at 7 Hz       1 1 1 1 1 0 Fast sweep (LF) 855839 Part 1 1988       114 300         3       Sweeping 800 Hz/970 Hz at 1 Hz       1 1 1 1 0 1 Medium sweep (LF) 855839 Part 1 1988       114 300         4       Continuous at 2850 Hz       1 1 1 0 0 0 BS5839 Part 1 1988       109 150         5       Sweeping 2400 Hz – 2850 Hz at 7 Hz       1 1 0 1 1 Fast sweep       114 300         6       Sweeping 2400 Hz – 2850 Hz at 1 Hz       1 1 0 1 0 Slow whoop       115 350         8       Sweeping 1200 Hz – 500 Hz at 1 Hz       1 1 0 0 0 Din Tone       115 350         9       Alternating 2400 Hz / 2850 Hz at 2 Hz       1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			OPEN		dB (A) 1 m	mA
2 Sweeping 800 Hz/970 Hz at 7 Hz  1111 10 Fast sweep (LF) BS5839 Part 1 1988  3 Sweeping 800 Hz/970 Hz at 1 Hz  1111 01 Medium sweep (LF) BS5839 Part 1 1988  4 Continuous at 2850 Hz 1111 00 109 150 5 Sweeping 2400 Hz – 2850 Hz at 7 Hz 11 0 11 Fast sweep 1114 300 6 Sweeping 2400 Hz – 2850 Hz at 1 Hz 11 0 0 Slow whoop 115 350 8 Sweeping 1200 Hz – 500 Hz at 1 Hz 11 0 0 Din Tone 115 350 9 Alternating 2400 Hz / 2850 Hz at 2 Hz 11 0 1 1 0 Back-up alarm (LF) 11 Alternating 800 Hz / 970 Hz at 7/8 Hz 10 1 0 Intermittent 2850 Hz at 1 Hz 11 0 1 0 Back-up alarm (HF) 12 Intermittent 2850 Hz at 1 Hz 10 1 0 Back-up alarm (HF) 13 Intermittent 970 Hz, ¼ s On/1 s Off 1 0 0 10 14 Continuous at 970 Hz 15 554 Hz for 100 ms, 440 Hz for 400 ms 1 0 0 0 Swedish alarm tone 106 107 Intermittent 660 Hz, 150 ms On/150 ms Off 1 0 1 1 1 Swedish alarm tone 108 110 Intermittent 660 Hz at 7/8 Hz 10 1 0 1 Swedish alarm tone 109 110 Intermittent 660 Hz at 7/8 Hz 10 1 0 1 Swedish alarm tone 100 110 Intermittent 660 Hz at 7/8 Hz 10 1 0 1 Swedish alarm tone 106 107 108 Intermittent 660 Hz at 7/8 Hz 10 1 0 1 Swedish alarm tone 106 107 108 Intermittent 660 Hz at 7/8 Hz 10 1 0 1 Swedish alarm tone 106 107 108 Intermittent 660 Hz at 7/8 Hz 10 1 0 1 0 Swedish alarm tone 107 108 Intermittent 660 Hz at 7/8 Hz 10 1 0 1 0 Pelican crossing 109 150 150 150 150 150 150 150 160 170 171 171 172 173 174 175 175 175 175 175 175 175 175 175 175			12345		at 24 VDC	at 24 VDC
BS5839 Part 1 1988   3   Sweeping 800 Hz/970 Hz at 1 Hz   1 1 1 0 1   Medium sweep (LF)   BS5839 Part 1 1988   4   Continuous at 2850 Hz   1 1 1 0 0   109   150	1	Alternating 800 Hz/970 Hz at 1/4 s	11111	BS5839 Part 1 1988	114	300
3       Sweeping 800 Hz/970 Hz at 1 Hz       1 1 1 0 1 Medium sweep (LF) BS5839 Part 1 1988       114 300         4       Continuous at 2850 Hz       1 1 1 0 0 1 Fast sweep       114 300         5       Sweeping 2400 Hz – 2850 Hz at 7 Hz       1 1 0 1 1 Fast sweep       114 300         6       Sweeping 2400 Hz – 2850 Hz at 1 Hz       1 1 0 0 1 Slow whoop       115 350         8       Sweeping 1200 Hz – 500 Hz at 1 Hz       1 1 0 0 0 Din Tone       115 350         9       Alternating 2400 Hz / 2850 Hz at 2 Hz       1 0 1 1 1 Din 1 Di	2	Sweeping 800 Hz/970 Hz at 7 Hz	11110	Fast sweep (LF)	114	300
BS5839 Part 1 1988				BS5839 Part 1 1988		
4         Continuous at 2850 Hz         11100         109         150           5         Sweeping 2400 Hz – 2850 Hz at 7 Hz         11011 Fast sweep         114         300           6         Sweeping 2400 Hz – 2850 Hz at 1 Hz         11010         114         300           7         Slow whoop         115         350           8         Sweeping 1200 Hz – 500 Hz at 1 Hz         11000 Din Tone         115         350           9         Alternating 2400 Hz / 2850 Hz at 2 Hz         10111         111         111         200           10         Intermittent 970 Hz at 1Hz         1010 Back-up alarm (LF)         114         300           11         Alternating 800 Hz / 970 Hz at 7/8 Hz         1010 T         114         300           12         Intermittent 2850 Hz at 1 Hz         1010 T         114         300           13         Intermittent 2850 Hz at 1 Hz         1010 T         114         300           14         Continuous at 970 Hz, ¼ s On/1 s Off         1001 T         114         300           15         554 Hz for 100 ms, 440 Hz for 400 ms         1001 T         114         300           16         Intermittent 660 Hz, 150 ms On/150 ms Off         1000 T         580 Hz         100         100	3	Sweeping 800 Hz/970 Hz at 1 Hz	11101	Medium sweep (LF)	114	300
5         Sweeping 2400 Hz – 2850 Hz at 7 Hz         1 1 0 1 1         Fast sweep         114         300           6         Sweeping 2400 Hz – 2850 Hz at 1 Hz         1 1 0 1 0         114         300           7         Slow whoop         1 1 0 0 1         Slow whoop         115         350           8         Sweeping 1200 Hz – 500 Hz at 1 Hz         1 1 0 0 0         Din Tone         115         350           9         Alternating 2400 Hz / 2850 Hz at 2 Hz         1 0 1 1 1         111         200           10         Intermittent 970 Hz at 1Hz         1 0 1 1 0         Back-up alarm (LF)         114         300           11         Alternating 800 Hz / 970 Hz at 7/8 Hz         1 0 1 0 1         114         300           12         Intermittent 2850 Hz at 1 Hz         1 0 1 0 0         Back-up alarm (HF)         109         150           13         Intermittent 970 Hz, ½ s On/1 s Off         1 0 0 1 1         114         300           14         Continuous at 970 Hz         1 0 0 1 0         114         300           15         554 Hz for 100 ms, 440 Hz for 400 ms         1 0 0 0 1         French fire sound         101         100           16         Intermittent 660 Hz, 1.8 s On/1.8 s Off         0 1 1 1 1         Swedish alarm tone<				BS5839 Part 1 1988		
6       Sweeping 2400 Hz – 2850 Hz at 1 Hz       1 1 0 1 0       114       300         7       Slow whoop       1 1 0 0 1       Slow whoop       115       350         8       Sweeping 1200 Hz – 500 Hz at 1 Hz       1 1 0 0 0       Din Tone       115       350         9       Alternating 2400 Hz / 2850 Hz at 2 Hz       1 0 1 1 1       111       200         10       Intermittent 970 Hz at 1Hz       1 0 1 1 0       Back-up alarm (LF)       114       300         11       Alternating 800 Hz / 970 Hz at 7/8 Hz       1 0 1 0 1       114       300         12       Intermittent 2850 Hz at 1 Hz       1 0 1 0 0       Back-up alarm (HF)       109       150         13       Intermittent 970 Hz, ¼ s On/1 s Off       1 0 0 1 1       114       300         14       Continuous at 970 Hz       1 0 0 1 0       114       300         15       554 Hz for 100 ms, 440 Hz for 400 ms       1 0 0 0 1       French fire sound       101       100         16       Intermittent 660 Hz, 150 ms On/150 ms Off       1 0 0 0 0       Swedish alarm tone       106       100         17       Intermittent 660 Hz, 1.8 s On/1.8 s Off       0 1 1 1 1       Swedish alarm tone       106       100         18       Intermittent 6		Continuous at 2850 Hz	11100		109	150
7         Slow whoop         11001 Slow whoop         115         350           8         Sweeping 1200 Hz – 500 Hz at 1 Hz         11000 Din Tone         115         350           9         Alternating 2400 Hz / 2850 Hz at 2 Hz         10111         111         200           10         Intermittent 970 Hz at 1Hz         10110 Back-up alarm (LF)         114         300           11         Alternating 800 Hz / 970 Hz at 7/8 Hz         10101         114         300           12         Intermittent 2850 Hz at 1 Hz         10100 Back-up alarm (HF)         109         150           13         Intermittent 970 Hz, ½ s On/1 s Off         10011         114         300           14         Continuous at 970 Hz         10010         114         300           15         554 Hz for 100 ms, 440 Hz for 400 ms         10010         114         300           16         Intermittent 660 Hz, 150 ms On/150 ms Off         1000 Swedish alarm tone         106         100           17         Intermittent 660 Hz, 1.8 s On/1.8 s Off         0111 Swedish alarm tone         106         100           18         Intermittent 660 Hz at 7/8 Hz         01101 Swedish alarm tone         106         100           20         Alternating 554 Hz / 440 Hz at 1 Hz         0101		Sweeping 2400 Hz – 2850 Hz at 7 Hz	11011	Fast sweep		300
8         Sweeping 1200 Hz – 500 Hz at 1 Hz         1 1 0 0 0 Din Tone         115         350           9         Alternating 2400 Hz / 2850 Hz at 2 Hz         1 0 1 1 1         111         200           10         Intermittent 970 Hz at 1Hz         1 0 1 1 0 Back-up alarm (LF) Part 1 1988         114         300           11         Alternating 800 Hz / 970 Hz at 7/8 Hz         1 0 1 0 1 1 14         300           12         Intermittent 2850 Hz at 1 Hz         1 0 1 0 0 Back-up alarm (HF)         109         150           13         Intermittent 970 Hz, ¼ s On/1 s Off         1 0 0 1 1         114         300           14         Continuous at 970 Hz         1 0 0 1 0         114         300           15         554 Hz for 100 ms, 440 Hz for 400 ms         1 0 0 0 1 French fire sound         101         100           16         Intermittent 660 Hz, 150 ms On/150 ms Off         1 0 0 0 0 Swedish alarm tone         106         100           17         Intermittent 660 Hz, 1.8 s On/1.8 s Off         0 1 1 1 1 Swedish alarm tone         106         100           18         Intermittent 660 Hz at 7/8 Hz         0 1 1 0 1 Swedish alarm tone         106         100           20         Alternating 554 Hz / 440 Hz at 1 Hz         0 1 0 1 1 Swedish alarm tone         106         100		Sweeping 2400 Hz – 2850 Hz at 1 Hz	11010		114	300
9 Alternating 2400 Hz / 2850 Hz at 2 Hz	7	•	11001	Slow whoop	115	350
10 Intermittent 970 Hz at 1Hz  10 1 1 0 Back-up alarm (LF) Part 1 1988  11 Alternating 800 Hz / 970 Hz at 7/8 Hz  11 O 1 0 1  12 Intermittent 2850 Hz at 1 Hz  13 Intermittent 970 Hz, ¼ s On/1 s Off  14 Continuous at 970 Hz  15 554 Hz for 100 ms, 440 Hz for 400 ms  16 Intermittent 660 Hz, 150 ms On/150 ms Off  17 Intermittent 660 Hz, 1.8 s On/1.8 s Off  18 Intermittent 660 Hz, 6.5 s On/13 s Off  19 Continuous 660 Hz  20 Alternating 554 Hz / 440 Hz at 1 Hz  10 1 1 0 Back-up alarm (LF) 10 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8	Sweeping 1200 Hz – 500 Hz at 1 Hz	11000	Din Tone	115	350
Part 1 1988  11 Alternating 800 Hz / 970 Hz at 7/8 Hz	9	Alternating 2400 Hz / 2850 Hz at 2 Hz			111	200
12       Intermittent 2850 Hz at 1 Hz       1 0 1 0 0 Back-up alarm (HF)       109       150         13       Intermittent 970 Hz, ¼ s On/1 s Off       1 0 0 1 1       114       300         14       Continuous at 970 Hz       1 0 0 1 0       114       300         15       554 Hz for 100 ms, 440 Hz for 400 ms       1 0 0 0 1 French fire sound       101       100         16       Intermittent 660 Hz, 150 ms On/150 ms Off       1 0 0 0 0 Swedish alarm tone       106       100         17       Intermittent 660 Hz, 1.8 s On/1.8 s Off       0 1 1 1 1 Swedish alarm tone       106       100         18       Intermittent 660 Hz, 6.5 s On/13 s Off       0 1 1 1 0 Swedish alarm tone       104       100         19       Continuous 660 Hz       0 1 1 0 1 Swedish alarm tone       106       100         20       Alternating 554 Hz / 440 Hz at 1 Hz       0 1 1 0 0 Swedish alarm tone       100       100         21       Intermittent 660 Hz at 7/8 Hz       0 1 0 1 1 Swedish alarm tone       106       100         22       Intermittent 2850 Hz, 150 ms On/100 ms Off       0 1 0 1 0 Pelican crossing       109       150         23       Sweeping 800 Hz - 970 Hz at 50 Hz       0 1 0 0 1 Low frequency buzz       113       300	10	Intermittent 970 Hz at 1Hz	10110		114	300
13       Intermittent 970 Hz, ¼ s On/1 s Off       1 0 0 1 1       114       300         14       Continuous at 970 Hz       1 0 0 1 0       114       300         15       554 Hz for 100 ms, 440 Hz for 400 ms       1 0 0 0 1 French fire sound       101       100         16       Intermittent 660 Hz, 150 ms On/150 ms Off       1 0 0 0 0 Swedish alarm tone       106       100         17       Intermittent 660 Hz, 1.8 s On/1.8 s Off       0 1 1 1 1 Swedish alarm tone       106       100         18       Intermittent 660 Hz, 6.5 s On/13 s Off       0 1 1 1 0 Swedish alarm tone       104       100         19       Continuous 660 Hz       0 1 1 0 1 Swedish alarm tone       106       100         20       Alternating 554 Hz / 440 Hz at 1 Hz       0 1 1 0 0 Swedish alarm tone       100       100         21       Intermittent 660 Hz at 7/8 Hz       0 1 0 1 1 Swedish alarm tone       106       100         22       Intermittent 2850 Hz, 150 ms On/100 ms Off       0 1 0 1 0 Pelican crossing       109       150         23       Sweeping 800 Hz – 970 Hz at 50 Hz       0 1 0 0 1 Low frequency buzz       113       300	11	Alternating 800 Hz / 970 Hz at 7/8 Hz	10101		114	300
14       Continuous at 970 Hz       1 0 0 1 0       114       300         15       554 Hz for 100 ms, 440 Hz for 400 ms       1 0 0 0 1 French fire sound       101       100         16       Intermittent 660 Hz, 150 ms On/150 ms Off       1 0 0 0 0 Swedish alarm tone       106       100         17       Intermittent 660 Hz, 1.8 s On/1.8 s Off       0 1 1 1 1 Swedish alarm tone       106       100         18       Intermittent 660 Hz, 6.5 s On/13 s Off       0 1 1 1 0 Swedish alarm tone       104       100         19       Continuous 660 Hz       0 1 1 0 1 Swedish alarm tone       106       100         20       Alternating 554 Hz / 440 Hz at 1 Hz       0 1 1 0 0 Swedish alarm tone       100       100         21       Intermittent 660 Hz at 7/8 Hz       0 1 0 1 1 Swedish alarm tone       106       100         22       Intermittent 2850 Hz, 150 ms On/100 ms Off       0 1 0 1 0 Pelican crossing       109       150         23       Sweeping 800 Hz - 970 Hz at 50 Hz       0 1 0 0 1 Low frequency buzz       113       300	12	Intermittent 2850 Hz at 1 Hz	10100	Back-up alarm (HF)	109	150
15       554 Hz for 100 ms, 440 Hz for 400 ms       1 0 0 0 1 French fire sound       101       100         16       Intermittent 660 Hz, 150 ms On/150 ms Off       1 0 0 0 0 Swedish alarm tone       106       100         17       Intermittent 660 Hz, 1.8 s On/1.8 s Off       0 1 1 1 1 Swedish alarm tone       106       100         18       Intermittent 660 Hz, 6.5 s On/13 s Off       0 1 1 1 0 Swedish alarm tone       104       100         19       Continuous 660 Hz       0 1 1 0 1 Swedish alarm tone       106       100         20       Alternating 554 Hz / 440 Hz at 1 Hz       0 1 1 0 0 Swedish alarm tone       100       100         21       Intermittent 660 Hz at 7/8 Hz       0 1 0 1 1 Swedish alarm tone       106       100         22       Intermittent 2850 Hz, 150 ms On/100 ms Off       0 1 0 1 0 Pelican crossing       109       150         23       Sweeping 800 Hz - 970 Hz at 50 Hz       0 1 0 0 1 Low frequency buzz       113       300	13	Intermittent 970 Hz, 1/4 s On/1 s Off	10011		114	300
16       Intermittent 660 Hz, 150 ms On/150 ms Off       1 0 0 0 0       Swedish alarm tone       106       100         17       Intermittent 660 Hz, 1.8 s On/1.8 s Off       0 1 1 1 1       Swedish alarm tone       106       100         18       Intermittent 660 Hz, 6.5 s On/13 s Off       0 1 1 1 0       Swedish alarm tone       104       100         19       Continuous 660 Hz       0 1 1 0 1       Swedish alarm tone       106       100         20       Alternating 554 Hz / 440 Hz at 1 Hz       0 1 1 0 0       Swedish alarm tone       100       100         21       Intermittent 660 Hz at 7/8 Hz       0 1 0 1 1       Swedish alarm tone       106       100         22       Intermittent 2850 Hz, 150 ms On/100 ms Off       0 1 0 1 0       Pelican crossing       109       150         23       Sweeping 800 Hz - 970 Hz at 50 Hz       0 1 0 0 1       Low frequency buzz       113       300	14	Continuous at 970 Hz	10010		114	300
17       Intermittent 660 Hz, 1.8 s On/1.8 s Off       0 1 1 1 1 Swedish alarm tone       106       100         18       Intermittent 660 Hz, 6.5 s On/13 s Off       0 1 1 1 0 Swedish alarm tone       104       100         19       Continuous 660 Hz       0 1 1 0 1 Swedish alarm tone       106       100         20       Alternating 554 Hz / 440 Hz at 1 Hz       0 1 1 0 0 Swedish alarm tone       100       100         21       Intermittent 660 Hz at 7/8 Hz       0 1 0 1 1 Swedish alarm tone       106       100         22       Intermittent 2850 Hz, 150 ms On/100 ms Off       0 1 0 1 0 Pelican crossing       109       150         23       Sweeping 800 Hz - 970 Hz at 50 Hz       0 1 0 0 1 Low frequency buzz       113       300	15	554 Hz for 100 ms, 440 Hz for 400 ms	10001	French fire sound	101	100
18       Intermittent 660 Hz, 6.5 s On/13 s Off       0 1 1 1 0 Swedish alarm tone       104       100         19       Continuous 660 Hz       0 1 1 0 1 Swedish alarm tone       106       100         20       Alternating 554 Hz / 440 Hz at 1 Hz       0 1 1 0 0 Swedish alarm tone       100       100         21       Intermittent 660 Hz at 7/8 Hz       0 1 0 1 1 Swedish alarm tone       106       100         22       Intermittent 2850 Hz, 150 ms On/100 ms Off       0 1 0 1 0 Pelican crossing       109       150         23       Sweeping 800 Hz - 970 Hz at 50 Hz       0 1 0 0 1 Low frequency buzz       113       300	16	Intermittent 660 Hz, 150 ms On/150 ms Off	10000	Swedish alarm tone	106	100
19       Continuous 660 Hz       0 1 1 0 1       Swedish alarm tone       106       100         20       Alternating 554 Hz / 440 Hz at 1 Hz       0 1 1 0 0       Swedish alarm tone       100       100         21       Intermittent 660 Hz at 7/8 Hz       0 1 0 1 1       Swedish alarm tone       106       100         22       Intermittent 2850 Hz, 150 ms On/100 ms Off       0 1 0 1 0       Pelican crossing       109       150         23       Sweeping 800 Hz - 970 Hz at 50 Hz       0 1 0 0 1       Low frequency buzz       113       300	17	Intermittent 660 Hz, 1.8 s On/1.8 s Off	01111	Swedish alarm tone	106	100
20       Alternating 554 Hz / 440 Hz at 1 Hz       0 1 1 0 0       Swedish alarm tone       100       100         21       Intermittent 660 Hz at 7/8 Hz       0 1 0 1 1       Swedish alarm tone       106       100         22       Intermittent 2850 Hz, 150 ms On/100 ms Off       0 1 0 1 0       Pelican crossing       109       150         23       Sweeping 800 Hz – 970 Hz at 50 Hz       0 1 0 0 1       Low frequency buzz       113       300	18	Intermittent 660 Hz, 6.5 s On/13 s Off	01110	Swedish alarm tone	104	100
21       Intermittent 660 Hz at 7/8 Hz       0 1 0 1 1 Swedish alarm tone       106       100         22       Intermittent 2850 Hz, 150 ms On/100 ms Off       0 1 0 1 0 Pelican crossing       109       150         23       Sweeping 800 Hz – 970 Hz at 50 Hz       0 1 0 0 1 Low frequency buzz       113       300	19	Continuous 660 Hz	01101	Swedish alarm tone	106	100
22       Intermittent 2850 Hz, 150 ms On/100 ms Off       0 1 0 1 0       Pelican crossing       109       150         23       Sweeping 800 Hz – 970 Hz at 50 Hz       0 1 0 0 1       Low frequency buzz       113       300	20	Alternating 554 Hz / 440 Hz at 1 Hz	01100	Swedish alarm tone	100	100
23 Sweeping 800 Hz – 970 Hz at 50 Hz 0 1 0 0 1 Low frequency buzz 113 300	21	Intermittent 660 Hz at 7/8 Hz	01011	Swedish alarm tone	106	100
, ,	22	Intermittent 2850 Hz, 150 ms On/100 ms Off	01010	Pelican crossing	109	150
D00039 Fall 1 1900	23	Sweeping 800 Hz – 970 Hz at 50 Hz	01001	Low frequency buzz BS5839 Part 1 1988	113	300
	24	Sweeping 2400 Hz – 2850 Hz at 50 Hz	01000		112	250
	25	• •			113	300
•	26	•			109	150
•	27	•	00101		110	200

## **Dimensions**



### **Technical data**

Manufacturer's designation	DB3
Operating voltage	12 48 VDC
Sound level at 24 V and 1 m	101 115 dB(A) depends on sound
Current consumption	refer to sound output
Tones	27
Cross-sectional area of connection wires	6 x 2.5 mm <sup>2</sup>
Operating temperature	-20 +55 °C
Humidity (class DIN 40040)	≤100% rel.
Protection category IEC 60529	IP66/67
Protection against reversed polarity	yes
Design	
– Horn	anti-static, UV stable, glass reinforced poly-
	ester, red
<ul> <li>Swivel bracket and screws</li> </ul>	stainless steel
Standards	CENELEC, EN 50014, 18
Ex classification	II 2 G Ex d IIC T5 (-20 °C ≤Ta ≤55 °C)
Approvals	
- BASEEFA	No. BAS 00ATEX2097X

## **Details for ordering**

Туре	Part no	Designation	Weight
DB3 BPZ:5757970001		Audible alarm device (cable gland Hawke	4.300 kg
		A501/421 included)	
_	_	Cable gland for shielded cable	_
		Hawke ICG 653/UNIV	
		Ordering address:	
		MEDC Ltd, Colliery Road, Pinxton,	
		Nottingham NG16 6JF, UK	
		Sales Enq., Fax: +44 (0)1773 582 830	
		Sales Orders, Fax: +44 (0)1773 582 832	

Siemens Switzerland Ltd
Industry Sector
Building Technologies Division
International Headquarters
Fire Safety & Security Products
Gubelstrasse 22
CH-6301 Zug
Tel. +41 41 724 24 24
www.siemens.com/buildingtechnologies

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