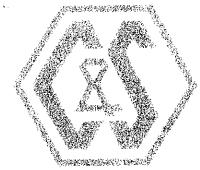


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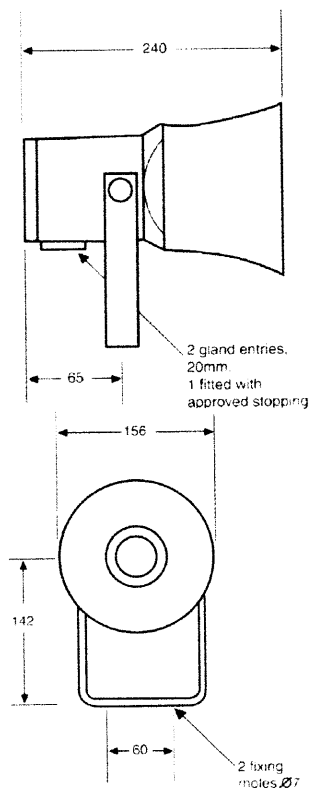


Explosion Proof Sounder YO7D



YO7D

Dimensions (mm)



All dimensions quoted are approximate only and subject to change without notice as are technical features resulting from continual development and improvement

Main Features

- High sound output
- 2 stage alarm
- 32 selectable tones meeting international regulations
- Independently selectable 2nd stage
- Rugged construction
- Compact one piece design
- Dual cable entry
- Complies with BS5839 pt1: 1980
- Meets PFEER & UKOOA
- Built in monitoring facility
- LM6 aluminium enclosure
- Weather resistant powder coat red finish
- Two 20 mm gland entries one fitted with approved stopping plug
- Adjustable ratchet bracket providing positive setting
- BASEEFA Approved
- Sound selection via DIL switch

Technical Specification

- IP 67 Rated
- Weight 3.2Kg
- Sound output 110dB (A) @ 1 metre
- Relative Humidity 95% @ 40deg C
- Operating Temp -25 deg C to +55 deg C
- Operating Voltage 24Vdc, 115Vac and 230Vac
- Suitable for zones 1,2 Gas groups B,C,D
- Ex d IIB T6, Ex d IIB + H₂ T6
- Current consumption

24Vdc	300mA
115Vac	84mA
230Vac	42mA



Explosion Proof Sounder

YO7D

Tone Table

First Stage Signal	Freq.	Sound switches 1 2 3 4 5	Rep Rate (sec.)	Special application
1 Alternate two-tone	800-1000	1 1 1 1 1	0.5	Fire alarms
2 Alternate two-tone	2500-3100	1 1 1 1 0	0.5	Security alarms
3 Alternate fast two-tone	800-1000	1 1 1 0 1	0.25	Increased urgency
4 Alternate fast wo-tone	2500-3100	1 1 1 0 0	0.25	Security deterrent
5 Alternate two-tone	440-554	1 1 0 1 1	0.4/0.1	AFNOR, FRANCE
6 Alternate two-tone	430-470	1 1 0 1 0	1.0	
7 Alternate v.fast two-tone	800-1000	1 1 0 0 1	0.13	
8 Alternate v.fast two-tone	2500-3200	1 1 0 0 0	0.07	
9 Alternate two-tone	440-554	1 0 1 1 1	2.0	Turn-out, SWEDEN
10 Continuous note	700	1 0 1 1 0	-	All-clear, SWEDEN
11 Continuous note	1000	1 0 1 0 1	-	
12 Continuous note	1000	1 0 1 0 0	-	
13 Continuous note	2300	1 0 0 1 1	-	
14 Continuous note	440	1 0 0 1 0	-	
15 Interrupted tone	1000	1 0 0 0 1	2.0	
16 Interrupted tone	420	1 0 0 0 0	1.25	AS2220, AUSTRALIA
17 Interrupted tone	1000	0 1 1 1 1	0.5	
18 Interrupted tone	2500	0 1 1 1 0	0.25	
19 Interrupted tone	2500	0 1 1 0 1	0.5	
20 Interrupted tone	700	0 1 1 0 0	6/12	Pre-vitalmessageSWEDEN
21 Interrupted tone	1000	0 1 0 1 1	1.0	Local warning, SWEDEN
22 Interrupted tone	700	0 1 0 1 0	4.0	Industrial alarm, GERMANY
23 Interrupted tone	700	0 1 0 0 1	0.25	
24 Interrupted tone	720	0 1 0 0 0	0.7/0.3	
25 Int,fast, rising volume	1400	0 0 1 1 1	0.25	
26 Fast siren	250-1200	0 0 1 1 0	0.085	
27 Rising constant, fall	1000	0 0 1 0 1	10/40/10	Industrial alarm, GERMANY
28 ISO 8201 Evacuation	800-1000	0 0 1 0 0	As std	Int'l evacuation alarm
29 Fast whoop	500-1000	0 0 0 1 1	0.15	
30 Slow whoop	500- 1200	0 0 0 1 0	4.5	Evacuation, The Netherlands
31 Reverse sweep	1200-500	0 0 0 0 1	1.0	Evacuation, GERMANY
32 Siren	500-1200	0 0 0 0 0	3.0	

For alarm type YO7D, the chosen sound signal is selected via a DIL switch. The appropriate switch positions are given in the instructions. Any sound signal may be selected for a second stage alarm independently of the choice of the first signal.

How To Order YO7D

			YA70D		
Gas Group	IIB	B			
	IIB+H2	C			
Supply Voltage	24Vdc	D			
	115Vac	L			
	230Vac	N			

Clifford & Snell



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