



Syrex 6P

- High sound output (121dB) for areas with high background noise
- Weatherproof to IP65
- Choice of 32 tones complying to many international warning standards
- Low voltage DC and high voltage AC for use in all applications
- Multi purpose base with a variety of cable entries and fixing holes for easy installation
- Choice of colours

The Syrex 6P is a high output multi-tone sounder designed for industrial applications. With a high sound output of 121dB and a choice of 32 tones, it can be utilised in almost any location where an effective alarm is needed to penetrate background noise or over a larger alarm.

Weatherproof to IP65, it can be used both indoors and outdoors and has a variety of cable entry options for flexible and fast installation.

Applications

- Fire alarm
- Conveyors
- Cranes
- Moving machinery
- Process control alarm

Fire**Industrial****Hazardous Area** ✕**Security****Railway/Marine****Public Warning** ✕**Klaxon**

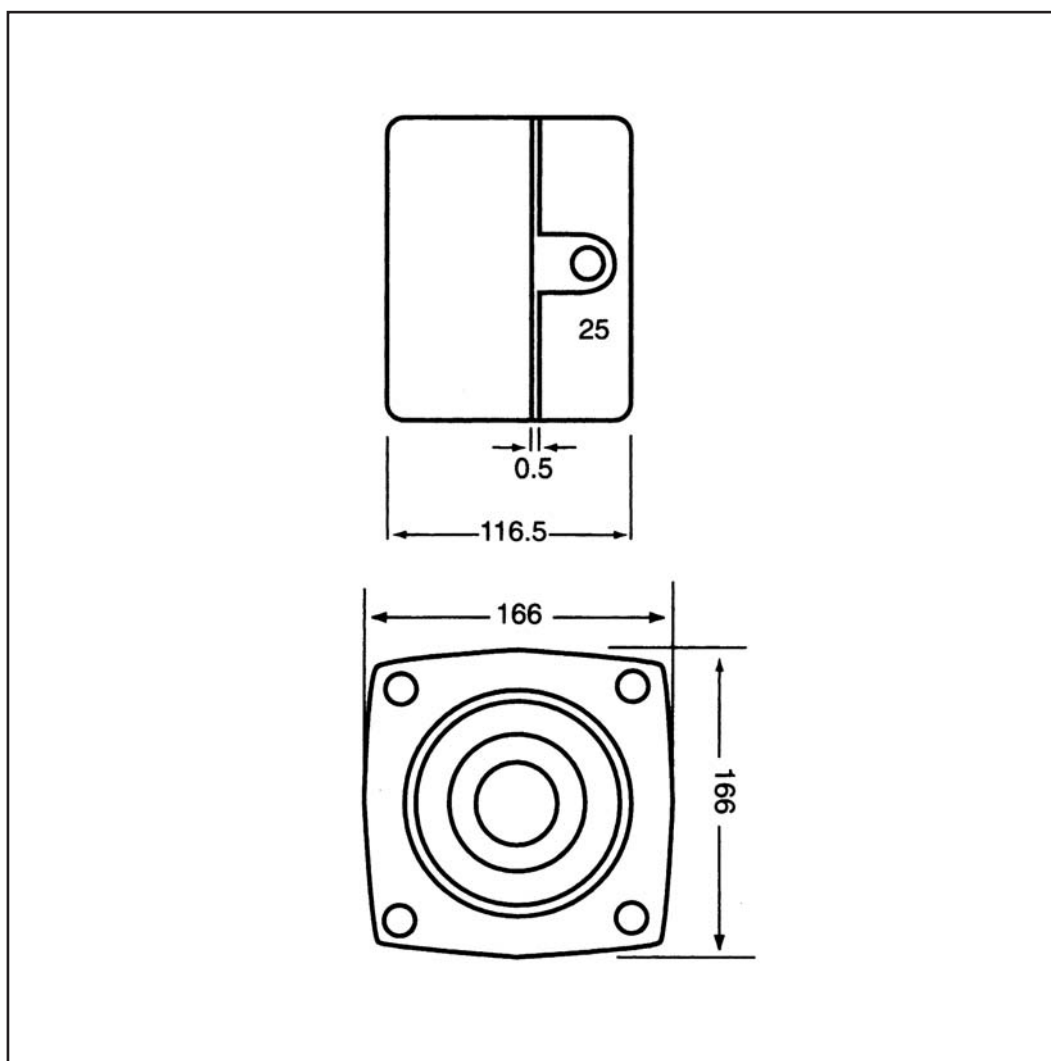
The first name in signals

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COMPANY**



Part No.	Colours	Audibility at 1m	Tones	Voltage	Current
18-980397	Red	110-121dB (A) ± 3 dB	32	8-35V DC	0.03/0.2A
18-980398	Red	111-121dB (A) ± 3 dB	32	110/230V AC	15/30mA

IP Rating: IP65
Rating: Continuous
Frequency: Varies according to tone selected (refer to Technical Information section)
Operating temp: -40°C to +55°C
Construction: High Impact ABS Flame Retardant
Cable Entries: 1
Weight: 1kg

SYREX 6P TONE TABLE

TONE	TONE TYPE	DESCRIPTION	TONE APPLICATION	May-03	DIL SWITCH	Sound Level Results *		
				2 ND STAGE		SYREX 6 (SATEP + 4μ7)		
							SPL	
				TONE	1_2_3_4_5	I(mA)	RMS	PEAK
1	Continuous	970Hz	BS5839-1:2002	4	O-O-O-O-O	98.4	104	111
2	Alternating	800Hz – 970Hz at 2Hz	BS5839-1:2002	1	I-O-O-O-O	96	104	113
3	Sweep	800Hz – 970Hz at 1Hz	BS5839-1:2002	1	O-I-O-O-O	97	105	112
4	Intermittent	970Hz 1sec OFF/1sec ON	Apollo Fire Systems Alert Tone (BS5839-1:2002)	1	I-I-O-O-O	54	102.5	111
5	Alternating	970Hz for 0.5sec, 630Hz for 0.5 sec	Apollo Fire Systems Evacuation Tone (BS5839-1:2002)	4	O-O-I-O-O	89	104	111
6	Alternating	554Hz for 0.1s, 440Hz for 0.4s	AFNOR French fire tone per NF S 32 001 standard	1	I-O-I-O-O	70	105	113
7	Intermittent Warble	500 - 1200Hz in 3.75sec followed by 0.5s gap	Dutch fire alarm slow whoop per NEN2575:2000	1	O-I-I-O-O	70	105	115
8	Intermittent	420Hz: 0.625sec ON/0.625sec OFF	Australian Alert tone per AS 2220 standard	9	I-I-I-O-O	30	103.5	111
9	Intermittent Warble	500 - 1200Hz in 3.75sec followed by 0.25s gap	Australian evacuation tone per AS 2220 standard	8	O-O-O-I-O	73	105	114
10	Alternating	550Hz – 440Hz at 0.5Hz	Swedish Alarm Tone	1	I-O-O-I-O	57	105	113
11	Intermittent	970Hz: 0.5 sec ON/0.5 sec OFF, 3 times followed by 1.5 sec OFF	ISO 8201 Low tone	12	O-I-O-I-O	40	101	111
12	Intermittent	2850Hz: 0.5 sec ON/0.5 sec OFF, 3 times followed by 1.5 sec OFF	ISO 8201 High tone	11	I-I-O-I-O	80	110	118
13	Sweep	1200Hz – 500Hz at 1Hz	DIN Industrial Tone	1	O-O-I-I-O	78	104.5	116
14	Continuous	400Hz	Animal-friendly alarm	6	I-O-I-I-O	49	103	111
15	Alternating	550Hz for 0.7 sec, 1000Hz for 0.33 sec	SafeSound	1	O-I-I-I-O	77	104.5	113
16	Sweep	1500Hz - 2700Hz at 3Hz	Vandal Alarm	1	I-I-I-I-O	178	111	121
17	Continuous	750Hz		27	O-O-O-O-I	84	101.5	110
18	Continuous	2400Hz		26	I-O-O-O-I	202	113	119
19	Intermittent	750Hz: 0.33 sec ON/0.51 sec OFF		1	O-I-O-O-I	36	99	110
20	Intermittent	750Hz 0.51 ON/0.33 sec OFF		1	I-I-O-O-I	52	100	110
21	Intermittent	800Hz 0.2 sec ON/0.2 sec OFF		1	O-O-I-O-I	46	101.5	112
22	Alternating	510Hz for 0.5 sec, 610Hz for 0.5 sec		4	I-O-I-O-I	63	103	111
23	Alternating	550Hz for 0.33 sec, 1000Hz for 0.7 sec		1	O-I-I-O-I	92	105	113
24	Sweep	250Hz – 1200Hz at 12Hz		18	I-I-I-O-I	50	102	113
25	Sweep	500Hz – 1200Hz at 0.33Hz.		18	O-O-O-I-I	78	104.5	115
26	Sweep	2500Hz – 2850Hz at 7Hz.		18	I-O-O-I-I	190	115	120
27	Warble	600Hz – 900Hz over 0.9 sec cycle		1	O-I-O-I-I	83	103	113
28	Warble	660Hz – 680Hz over 0.9 sec cycle		1	I-I-O-I-I	77	104.5	117
29	Warble	670Hz – 725Hz over 0.9 sec cycle		1	O-O-I-I-I	79	102.5	112
30	Warble	920Hz – 750Hz over 0.9 sec cycle		1	I-O-I-I-I	92	105	113
31	Intermittent Warble	700Hz - 900Hz 0.3 sec ON/0.6 sec OFF		1	O-I-I-I-I	132	100	113
32	Intermittent Warble	900Hz - 760Hz. 0.6 sec ON/0.3 sec OFF		1	I-I-I-I-I	55	101.5	112

*B&K MEASURING AMPLIFIER. CURRENT READINGS ARE AVERAGES

Max	202	115	121
Average	82.731	104.3125	113.156
Min	30	99	110