

S-Quad Sensor Sounder

Combined sensor sounder technology provides a cost effective solution for alarm signalling saving on installation costs as there is no need for additional power supplies. Synchronised messages are transmitted through the same sensor that detects the fire.



Key Features

- Attention tones can be programmed to match system sounders
- Volume control for individual devices including 'Soft' start option
- Uniform sound distribution at all angles
- Low current consumption with capacity for up to 125 units per loop
- Fully synchronised sound patterns via the control panel
- Voiced Enhanced option with selectable speech messages available to suit most requirements
- Rich harmonic sound output using patented technique
- Unique monitoring of sounder element to ensure operation in an emergency
- Output typically 90dB(A) @1m
- Self monitoring to prevent overload of loop in event of cable fault

Effectiveness of Sensors to detect test fires

Analogue sensors during standard test fires

Detector types and multi-sensor options

Test Fire Type	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6	Option 7
TF1 Open wood fire	Good	Acceptable	Poor	Poor	Good	Good	Good
TF2 Smouldering wood fire	No response	Poor	Good	Acceptable	Good	Good	Very good
TF3 Smouldering cotton fire	No response	Acceptable	Good	Good	Good	Good	Very good
TF4 Open plastics (PU) fire	Poor	Acceptable	Acceptable	Poor	Acceptable	Good	Good
TF5 Liquid fire (n-heptane)	Good	Good	Poor	No response	Good	Good	Good
TF6 Liquid fire (spirit)	Good	Good	No response	No response	Good	Good	Good

■ No response	■ Poor response	■ Acceptable response	■ Good response	■ Very good response
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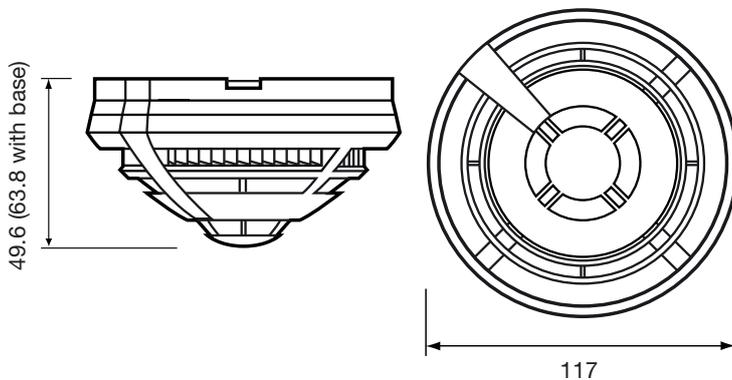
The Power of the Vigilon Loop

SPECIFICATION

Type	Heat Sensor Sounder	Optical Heat Sounder	Dual Optical Heat Sensor Sounder
Device Load Factor*	8	8	8
Ingress Protection	IP30		
Approx Weight	0.11Kg (0.17Kg with base)		
Operating Temperature	-10°C to +50°C		
Relevant Standards	EN54-5, EN54-17	EN54-5, EN54-7, EN54-3, EN54-17	
Sound Output at 1m	Typically 90 dB(A)		
Approvals	LPCB	LPCB	LPCB

* Load factors for guide purposes only.

Dimensions (mm)



ORDER CODES

Sensor Base	S4-700
Heat Sensor Sounder	S4-780-S
Dual Optical Heat Sensor	S4-771-S
Optical Heat Sounder	S4-770-S