

7: THE POWER OF THE VIGILON LOOP

S-Quad Sensor Sounder

GENT
by Honeywell



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.

- Attention tones can be programmed either as a bell (on speech variants) or a choice of 12 standard tones
- 'Soft' start option
- Uniform sound distribution
- Low current consumption
- Fully synchronised sound patterns via the control panel
- Selectable speech messages available to suit most requirements –switched on/off by the Vigilon control panel
- Rich harmonic sound output using patented technique
- Options for sound output:
 - Standard mode = 90 dB(A) @1m (typical)

Effectiveness of Sensors to detect test fires

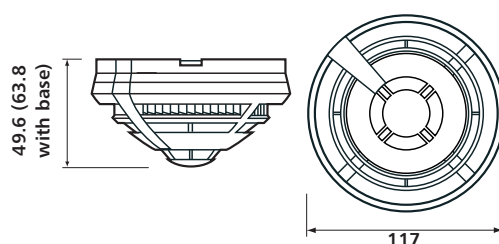
Analogue sensors during standard test fires	Detector types and multi-sensor options						
	H	I	O	CO	OH	O ² H	O ² HCO
TF1 Open wood fire	Green	Blue	Orange	Orange	Green	Green	Green
TF2 Smouldering wood fire	Red	Orange	Green	Blue	Green	Green	Green
TF3 Smouldering cotton fire	Red	Blue	Green	Green	Green	Green	Green
TF4 Open plastics (PU) fire	Orange	Blue	Blue	Orange	Blue	Green	Green
TF5 Liquid fire (n-heptane)	Green	Green	Orange	Red	Green	Green	Green
TF6 Liquid fire (spirit)	Green	Green	Red	Red	Green	Green	Green

■ No response
 ■ Poor response
 ■ Acceptable response
 ■ Good response
 ■ Very good response

TECHNICAL 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	EN54-3&5	CEA 4021 EN54-3&7 +5	CEA 4021 EN54-3&7 +5
Sound Output at 1m	Typically 90 dB(A)		
Approvals	LPCB	LPCB pending	LPCB

* Load factors for guide purposes only.

Dimensions (mm)



ORDER CODES

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