

# CERTIFICATE OF CONFORMITY

## 1. FIRE PROTECTION EQUIPMENT

2. **Certificate No:** FM26US0005
3. **Equipment:** Sensis Azure-2000s, 2000s (1A), 2000s (4A), 2000s (4A16) Four Zone Aspirating Smoke Detectors  
(Type Reference and Name)
4. **Name of Listing Company:** FFE Ltd
5. **Address of Listing Company:** 9 Hunting Gate, Hitchin, Hertfordshire, SG4 0TJ, United Kingdom
6. The examination and test results are recorded in confidential report number:

PR475475 dated 21<sup>st</sup> January 2026

7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

FM 3230:2023

8. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.

9. Approval Guide Listing Category:

Alarm Signal Initiating Devices, Smoke Detectors

Alarm Signal Initiating Devices, Smoke Detectors, Very Early Warning Fire Detection (VEWFD) Systems

### Certificate issued by:



J.E. Marquedant  
VP, Manager - Electrical Systems

21 January 2026

Date

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

**THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE**

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**10. Description of Equipment:**

<b>Smoke detection technology</b>	Forward Light Scattering Mass Detection, using a short wavelength blue LED as the detection light source; The High Sensitivity Aspirating Smoke detector has four Aspirators and four Flow Sensors, while one common Fan Board controls all four aspirators
<b>Sensitivity range</b>	Programmable, 0.005%/m to 20%/m (0.00016%/ft to 6.6%/ft)* * Operation beyond 12%/m (4%/ft) obscuration is not allowed by the Standard
<b>Sampling pipe</b>	OD: 25mm; ABS/UPVC
<b>Pipe length – pipe network (optimized for Maximum Pipe Length)</b>	100m (18 holes) per one aspirator: total 400m and up to 72 sampling holes if all four aspirators are used
<b>Pipe length – pipe network (optimized for Maximum Number of Sampling Holes)</b>	Single Pipe – 60m - 25 sampling holes Four Pipes – 240m – 100 sampling holes
<b>Alarm Levels</b>	Alert, Action, Fire 1, Fire 2
<b>Displays and Controls</b>	6-digit Numerical LED detector display (with zone display capability); 20 LED segment smoke level bar graph; 4 Fire Alarm LED Indicators; 4 Fault LED Indicators; “Isolate” and “Power” LED indicators; “Reset”, “Isolate”, “Silence”, “Test” and “Scan” momentary membrane switches
<b>Relay Outputs – Terminal Board</b>	7 configurable relays, rating 2.0A @ 30Vdc
<b>Zone Relay Outputs – Zone Relay Board (optional)</b>	16 configurable relays, rating 2.0A @ 30Vdc
<b>Communication protocols</b>	Two RS-485 terminals

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<b>Accessories</b>	AvaFlow air-sampling pipe design software Note: The air-sampling pipe design of Sensis Azure-2000s, Sensis Azure- 2000s (1A), Sensis Azure-2000s (4A), and Sensis Azure-2000s (4A16) should be checked by AvaFlow software.
<b>Maximum coverage</b>	FM Data sheets, NFPA standards, local and international fire codes for aspirating smoke detectors should be complied with. Area of coverage per sampling hole is usually at least the same as point smoke detector
<b>Operating voltage range</b>	19.2 to 28.8Vdc
<b>Operating temperature range</b>	0° to 40°C
<b>Sampling air temperature range</b>	-20° to 60°C
<b>Humidity range</b>	0 to 95% RH, non-condensing
<b>Power consumption</b>	860 mA maximum
<b>Enclosure</b>	Metal, Indoor use only
<b>Model Code</b>	Sensis Azure-2000s Four Zone Aspirating Smoke Detector Sensis Azure-2000s (1A) is Sensis Azure-2000s without zone relay boards and without zone indication. Sensis Azure-2000s (4A) is Sensis Azure-2000s without zone relay boards but with zone indication. Sensis Azure-2000s (4A16) is Sensis Azure-2000s with zone relay and with zone indication.
<b>Compatible fire alarm control panels (FACPs) and power sources</b>	The detector is to be used with Approved control panels providing separate circuits for power and alarm initiating devices. Power to the detector (both primary and standby) can also be provided by an independent FM Approved power source. The required 24Vdc primary power and 24 hour standby power for detector must be obtained locally from a means suitable for NFPA 72 applications and is to be installed in the same room as the detector with the wiring in conduit an not exceeding 6 m.

**11. Test and Assessment Procedure and Conditions:**

This Certificate has been issued in accordance with FM Approvals US Certification Requirements.

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**12. Schedule Drawings**

A copy of the technical documentation has been kept by FM Approvals.

**13. Certificate History**

Details of the supplements to this certificate are described below:

Date	Description
21 January 2026	Original Issue. Reference PR475475.



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