

## Certificate of Product Approval

Certificate Number: 991n

Issue: 01

### INIM ELECTRONICS S.R.L.

Via Dei Lavoratori 10  
Frazione Centobuchi  
63076 Monteprandone (AP)  
Italy



is certified by BRE Global Ltd. and is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standards as detailed below:

#### Products

**Aspirating Smoke Detector with Short Circuit Isolator**

FA100

(refer to Appendix for details)

#### Standards

**EN 54-20:2006**

**EN 54-17:2005**

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

P Halligan

Verifier

10 May 2024

Date of Issue

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Date of First Issue



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## Appendix to Certificate No: 991n

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### INIM ELECTRONICS S.R.L.

Certified Product	Description	LPCB Ref.No.
FA100	<p>Single (Expandable to two) Pipe Aspirating Smoke Detector with Short Circuit Isolator</p> <p>Notes:</p> <ol style="list-style-type: none"> <li>For compliance with Clause 5.10 of EN 54-20:2006, the detector shall be supplied with power from a power supply complying with EN 54-4.</li> <li>The approval of the detector is conditional upon the following requirements: <ul style="list-style-type: none"> <li>- Design, installation, and commissioning are performed in accordance with the Installation and programming manual (DCMIINE0FA100-100)</li> </ul> </li> <li>The FA100 detector is approved for the following classes and sensitivities: <ul style="list-style-type: none"> <li>- Class A: 0.00235-0.025 dB/m</li> <li>- Class B: 0.00235-0.060 dB/m</li> <li>- Class C: 0.00235-0.200 dB/m</li> </ul> <p>The Class of any pipework and hole configuration, detector sensitivity and equipment parameters must be determined using FA/STUDIO software.</p> </li> <li>The aspirating detector is approved with the following ancillary components: <ul style="list-style-type: none"> <li>- FAD100 - Detector module</li> <li>- FAD100Filter - Metal mesh with gasket</li> <li>- 504F075ABS - Dust filter (Medium F0.75 filter with RL5 cartridge ABS)</li> <li>- WT025 - Condensate trap ABS</li> <li>- 2510025 - 3-way ball valve PVC / EPDM</li> <li>- 1725001950 - Flexible transparent spiral pipe p-PVC with carbon steel wire (External Ø: 25mm)</li> <li>- AAD12025CRS - Male / Female fitting (for the dust filter) ABS</li> <li>- TUBOABS0250M - Pipe</li> <li>- SASO100250RS - Coupling sleeve</li> <li>- SATE400250RS - T-piece</li> <li>- SABE300250RS - 90° bend</li> <li>- SAEY500250RS - 45° Elbow</li> </ul> </li> </ol>	991n/01

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### INIM ELECTRONICS S.R.L.

Certified Product	Description	LPCB Ref.No.
	<ul style="list-style-type: none"> <li>- SACA700250RS - Pipe end cap</li> <li>- SAUN800250RS - Openable joint sleeve</li> <li>- STS25REDK - Hose clip</li> <li>- SGLUEN0250 - Sealing glue</li> <li>- SGLUEN0500 - Sealing glue</li> <li>- MPE1008025M-R - Red flexible pipe for sampling capillaries</li> <li>- LABEL23X10 - Sampling hole identification labels with written "ASPIRATING POINT"</li> <li>- CAPKIT2510SR - Kit for the creation of a sampling capillary</li> </ul>	

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