



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX BAS 12.0091X**

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Certificate history:

Status: **Current**

Issue No: 8

Issue 7 (2022-08-19)

Issue 6 (2021-02-09)

Issue 5 (2021-02-05)

Issue 4 (2017-09-14)

Issue 3 (2015-02-23)

Issue 2 (2013-12-05)

Issue 1 (2013-04-17)

Issue 0 (2012-11-16)

Date of Issue: 2024-07-11

Applicant: **Apollo Fire Detectors Ltd**
36 Brookside Road
Havant
Hampshire
PO9 1JR
United Kingdom

Equipment: **XP95 Series Fire Detectors**

Optional accessory:

Type of Protection: **Intrinsic Safety**

Marking: **Ex ia IIC T4 / T5 Ga (-20°C ≤ Ta ≤ +60°C)**
Ex ia IIIC T135°C Da (-20°C ≤ Ta ≤ +60°C) (MCP only)

Approved for issue on behalf of the IECEx
Certification Body:

P Oates

Position:

Certification Manager

Signature:
(for printed version)

Date:
(for printed version)

11/7/2024

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

SGS UK Limited
Rockhead Business Park
Staden Lane
Buxton, Derbyshire SK17 9RZ
United Kingdom





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Manufacturer: **Apollo Fire Detectors Ltd**
36 Brookside Road
Havant
Hampshire
PO9 1JR
United Kingdom

Manufacturing locations: **Apollo Fire Detectors Ltd**
36 Brookside Road
Havant
Hampshire
PO9 1JR
United Kingdom

Honeywell Life Safety Romania
S.R.L.
Str. Salcamilor 2bis
Lugoj, Timis 305500
Romania

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-11:2023](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:7.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

[GB/BAS/ExTR12.0292/00](#)
[GB/BAS/ExTR15.0059/00](#)
[GB/BAS/ExTR21.0023/00](#)

[GB/BAS/ExTR13.0090/00](#)
[GB/BAS/ExTR17.0244/00](#)
[GB/BAS/ExTR22.0118/00](#)

[GB/BAS/ExTR13.0293/00](#)
[GB/BAS/ExTR20.0054/00](#)
[GB/SGS/ExTR24.0104/00](#)

Quality Assessment Reports:

[GB/BAS/QAR06.0060/11](#)

[GB/CSAE/QAR21.0005/04](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The XP95 Range of Intrinsically Safe Fire Monitors is designed to detect the presence of fire using optical and heat sensing techniques which meet the requirements of IEC 60079-0:2017 and IEC 60079-11:2023.

The Manual Call Point is designed to initiate an alarm on a fire detector system and meets the requirements of IEC 60079-0:2011 and IEC 60079-11:2011.

Each type of fire detector comprises a common comms circuit and a different sensor circuit mounted on a single PCB housed in a plastic enclosure which is fitted to a plastic mounting base. The Manual Call Point comprises an electronics circuit mounted on a single printed circuit board, an LED and a switch located in a plastic enclosure.

Connections to external circuits are made to the terminals located in the mounting base (detectors) or terminal block TB1 located on the PCB via a cable entry gland (manual call point).

Input Parameters

$U_i = 28V$ $C_i = 3.6nF$

$I_i = 93.3mA$ $L_i = 0$

$P_i = 0.67W$

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The enclosure may constitute a potential electrostatic ignition hazard and must not be rubbed or cleaned with a dry cloth or mounted in dust laden airflow.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Variation 8.1

To permit the introduction of a new design for the heat / optical detector, obsolescence of the ionisation detector and additional minor drawing changes. The new detectors are marked T4 & T5 at +60°C and have amended input parameters ($C_i = 3.6nF$, the remaining parameters are unchanged).

Variation 8.2

To confirm that the current design of the XP95 Range of Intrinsically Safe Fire Monitors (excluding the MCP) meets the requirements of IEC 60079-11:2023.

ExTR: **GB/BAS/ExTR24.0104/00**

File Reference: **22/0527**