

Declaration of Performance (DoP)



According to Construction Products Regulation (EU) No 305/2011
Declaration number: **PFD-CPR-0155**

1. Unique identification code of the product-type:

6000PLUS/OP/I

2. Identification of the construction product as required under Article 11(4) of the CPR:

Analogue addressable optical detector with short circuit isolator

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Fire detection and fire alarm systems for use in and around buildings

4. Name and address of the manufacturer as required under Article 11(5):

Protec Fire Detection plc, Protec House, Churchill Way, Nelson, Lancashire, BB9 6RT, ENGLAND

Telephone number: + 44 (0)1282 717171

Fax number: +44 (0)1282 717273

Web: www.protec.co.uk

5. Name and contact address of authorized representative whose mandate covers the tasks specified in Article 12(2)

Not applicable

6. System of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 1

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

Notified Body: BSI Group The Netherlands B.V. Say Building, John M. Keynesplein 9, 1066 EP, Amsterdam.

Country : Netherlands Phone : +31 (0)20 346 07 80 Email : info.nl@bsigroup.com

Notified Body number : 2797

performed the type testing and initial inspection of the manufacturing plant and of factory production control with continuous surveillance, assessment and evaluation of factory production control under system 1 and issued the following EC certificate of conformity: **2797 CPR 698336**

8. In the case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: **(Not applicable, see item 7)**

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9. Declared performance:

All requirements including the Essential Characteristics and the corresponding performances for the intended use or uses indicated in (3), above have been determined as described in the harmonised European standard(s) (hEN) mentioned in the following table.

Essential characteristics	Performance	Harmonised technical specification (hEN)	
Nominal activation condition/sensitivity response delay (response time) and performance under fire condition	Pass	4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18	EN 54-7:2000 + A1: 2002
Operational reliability	Pass	4.2 to 4.7, 4.9 to 4.11	EN 54-7:2000 + A1: 2002
Tolerance to supply voltage	Pass	5.5	
Durability of operational reliability and response delay, temperature resistance	Pass	5.8, 5.9	EN 54-7:2000 + A1: 2002
Durability of operational reliability, vibration resistance	Pass	5.13, 5.16	EN 54-7:2000 + A1: 2002
Durability of operational reliability, humidity resistance	Pass	5.10, 5.11	EN 54-7:2000 + A1: 2002
Durability of operational reliability, corrosion resistance	Pass	5.12	EN 54-7:2000 + A1: 2002
Durability of operational reliability, electrical stability	Pass	5.17	EN 54-7:2000 + A1: 2002

Performance under fire conditions	Pass	5.2	EN 54-17:2005
Operational reliability	Pass	4	EN 54-17:2005
Durability of operational reliability, temperature resistance	Pass	5.4, 5.5	EN 54-17:2005
Durability of operational reliability, vibration resistance	Pass	5.9 to 5.12	EN 54-17:20055
Durability of operational reliability, humidity resistance	Pass	5.6, 5.7	EN 54-17:2005
Durability of operational reliability, corrosion resistance	Pass	5.8	EN 54-17:2005
Durability of operational reliability, electrical stability	Pass	5.3, 5.13	EN 54-17:2005

10. The performance of the product identified in (1) and (2), is in conformity with the declared performance in (9). This declaration of performance is issued under the sole responsibility of the manufacturer identified in (4)

Declaration of Conformity

This Declaration of Performance also serves as a **CE Declaration of Conformity** for the product regarding the following additional European Union Directives:

- **Electromagnetic Compatibility Directive (2014/30/EU)**

Relevant standards:

- ❖ EN 50130-4:2011+A1:2014 *Alarm systems. Electromagnetic compatibility. Product family standard: Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems*
- ❖ EN 61000-6-2:2005/AC:2005 *(Immunity) Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments*
- ❖ EN 61000-6-3:2007+A1:2011 *Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environment*
- ❖ EN 61000-6-4:2006/A1:2011 *(Emission) Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments*

- **The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Directive (2011/65/EU the “RoHS2 Directive”)**

Relevant standard:

- ❖ EN IEC 63000:2018 *Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances*

- **The Low Voltage Directive (2014/35/EU)** in conformance with requirements of Article 3 and Annex 1

- **“The Waste Electrical and Electronic Equipment Directive” (2012/19/EU)**



I hereby declare that the named product above has been designed to comply with all applicable Essential Requirements of the Directives as listed.

Signed for and on behalf of the manufacturer:

A handwritten signature in black ink, appearing to read 'Alan Palmer'.

Name: Alan Palmer

Position: Group Conformity Manager

**Protec Fire Detection PLC,
Lomeshaye Industrial Estate,
Churchill Way, Nelson.
Lancashire. England, BB9 6RT**

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