

## EU declaration of conformity

### 1. Product

Product Name            Firebeam Blue  
Object                    Line-type smoke detector Firebeam Blue  
Technical doc            0165-02

### 2. Manufacturer

The Firebeam Company Limited, Unit 8, Thames Industrial Estate, High Street  
South, Dunstable, Bedfordshire, LU6 3HL, UK

3. This declaration of conformity is issued under the sole responsibility of the manufacturer

4. The object of the declaration above is in conformity with the relevant Union harmonisation legislation:

Construction Products Regulation	305/2011/EU
Radio Equipment Directive	2014/53/EU
Electromagnetic Compatibility Directive	2014/30/EU
RoHS 2 Directive	2011/65/EU

5. Relevant harmonised standards used in relation to which conformity is declared:

EN 54-12:2015 Fire detection and fire alarm systems - Part 12: Smoke detectors – Line detectors using an optical beam

EN 50130-4:2011+A1:2014 Alarm systems — Part 4: Electromagnetic compatibility — Product family standard: Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems

EN 61000-6-3:2007+A1:2011 Electromagnetic compatibility (EMC) — Part 6-3: Generic standards — Emission standard for residential, commercial and light-industrial environments

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

ETSI EN 301 489-1 V2.1.1 (2017-02) ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility

ETSI EN 301 489-17 V3.1.1 (2017-02) ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility

EN 55032:2015 Electromagnetic compatibility of multimedia equipment. Emission Requirements

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BS EN 62479:2010 - Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz) (human exposure to electromagnetic fields).

EN 62368-1:2014 Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2014, modified) IEC 62368-1:2014 (Modified)

ETSI EN 300 328 V2.2.2 (2019-07) Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum

## 6. Notified Body

Certificate of constancy of performance 0786-CPR-21735 issued by Notified Body 0786 valid from 01.12.21:

VdS Schadenverhütung GmbH  
Amsterdamer Strasse 172-174  
D-50735 Köln  
Germany

Signed for and on behalf of the manufacturer by:



Cliff Key, Managing Director, Dunstable UK – 28<sup>th</sup> March 2022

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Date:-

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