



## EU Declaration of Conformity

| Product Range                    | Description                                             |
|----------------------------------|---------------------------------------------------------|
| Moflash Intrinsically Safe Range | Intrinsically Safe Beacon, Sounder, and Sounder/Beacons |

Moflash Signalling Limited declares in its sole responsibilities that the whole of the products detailed herein have been manufactured in accordance with the conditions and requirements of the following standards:

| Applicable Standards                                            | Title                                                                                                                                                                                  |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EN IEC 61000-6-1: 2019                                          | EMC, Generic standards. Immunity standard for residential, commercial and light-industrial environments.                                                                               |
| EN IEC 61000-6-2: 2019                                          | EMC, Generic standards. Immunity standard for industrial environments.                                                                                                                 |
| EN IEC 61000-6-3: 2021                                          | EMC, Generic standards. Emission standard for equipment in residential environments.                                                                                                   |
| EN IEC 61000-6-4: 2019                                          | EMC, Generic standards. Emission standard for industrial environments.                                                                                                                 |
| 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 61010-1:2010 + A1:2019                                       | Safety requirements for electrical equipment for measurement, control, and laboratory use.                                                                                             |
| EN IEC 60947-1:2021                                             | Low-voltage switchgear and control gear. General rules.                                                                                                                                |
| EN 60947-5-1:2017                                               | Low-voltage switchgear and control gear. Control circuit devices and switching elements. Electromechanical control circuit devices.                                                    |
| EN IEC 63000:2018                                               | Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.                                              |
| EN 60529:1992 + A2:2013                                         | Degrees of protection provided by enclosures (IP Code).                                                                                                                                |
| EN IEC 62368-1:2020+A11:2020                                    | Audio/video, information and communication technology equipment. Safety requirements.                                                                                                  |
| EN 50581:2012                                                   | Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances                                               |
| EN IEC 60079-0:2018                                             | Explosive atmospheres. Equipment. General requirements                                                                                                                                 |
| EN IEC 60079-11:2024                                            | Explosive atmospheres. Equipment protection by intrinsic safety "i"                                                                                                                    |
| EN 54-3: 2001 + A1: 2002 + A2: 2006<br>EN 54-3: 2014 + A1: 2019 | Fire detection and fire alarm systems - Fire alarm devices Sounders (IS-S & IS-SB Only)                                                                                                |

Following the provisions of the below directives

| EU Directives | Title                                                                                  |
|---------------|----------------------------------------------------------------------------------------|
| 2014/30/EU    | The Electromagnetic Compatibility Regulations (EMC)                                    |
| 2014/34/EU    | Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres |
| 2011/65/EU    | The Restriction of the Use of Certain Hazardous Substances (RoHS)                      |
| 2012/19/EU    | The Waste Electrical and Electronic Equipment Regulations (WEEE)                       |
| EC 1907/2006  | The REACH etc. (Amendment etc.) (EU Exit) Regulations                                  |

Notified bodies: **Element Rotterdam BV (2812)** for production certification and Quality assurances.

The products described in this document are manufactured according to our Production Quality Assurance Notification No. EMT17QAN0001.

Authorised Representative: Authorised Representation Service, 77 Camden Street Lower, Dublin D02 XE80 Ireland.

### IS-B-02-XX

EMT17ATEX0012X

IECEx EMT 17.0005X

I M1 Ex ia I Ma



II 1 GD Ex ia IIC T5 Ga

Ex ia IIIC T<sub>200</sub> 85°C Da

-40°C ≤ Ta ≤ 60°C

### IS-S-02

EMT17ATEX0012X

IECEx EMT 17.0005X

I M1 Ex ia I Ma



II 1 GD Ex ia IIC T6 Ga

Ex ia IIIC T<sub>200</sub> 85°C Da

-40°C ≤ Ta ≤ 60°C

### IS-SB-02-XX

EMT17ATEX0012X

IECEx EMT 17.0005X

I M1 Ex ia I Ma



II 1 GD Ex ia IIC T5 Ga

Ex ia IIIC T<sub>200</sub> 85°C Da

-40°C ≤ Ta ≤ 60°C

Signed for and on behalf of **Moflash Signalling Limited.**

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Marc Bailey - Company Director

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FORM: MOF184-A



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