



Clifford & Snell EU Declaration of Conformity

| Product Range | Description |
|------------------|----------------------------------|
| FD40IS SD40IS | Intrinsically Safe Beacon Ranges |

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 60079-11:2012 | Explosive atmospheres. Equipment protection by intrinsic safety "i" |

Following the provisions of the below directives

| EU Directives | Title |
|---------------------|--|
| 2014/30/EU | The Electromagnetic Compatibility Regulations (EMC) |
| 2014/35/EU | The Electrical Equipment (Safety) Regulations (LVD) |
| 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.

FD40IS//***

IECEx EMT 22.0001X

ERO22ATEX0001X



II 1 G Ex ia IIC T4 Ga

II 1 D Ex ia IIIC T135°C Da

-40°C ≤ Ta ≤ 55°C

SD40IS//***

IECEx EMT 22.0001X

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II 1 D Ex ia IIIC T135 °C Da

-40°C ≤ Ta ≤ 55°C

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

Birmingham UK, - 21/03/24

Issue 5



Marc Bailey - Company Director

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