

1 **EU - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU**

3 EU - Type Examination Certificate **Baseefa03ATEX0084X – Issue 8**
Number:

3.1 In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016.

4 Product: **Manual Call Point Type PBI / BGI**

5 Manufacturer: **Eaton MEDC Limited**

6 Address: **Unit B, Sutton Parkway, Oddicroft Lane, Sutton-in-Ashfield, NG17 5FB**

7 This re-issued certificate extends EC Type Examination Certificate No. **Baseefa03ATEX0084X** to apply to product designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

8 SGS Fimko Oy, Notified Body number 0598, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

8.1 The original certificate was issued by SGS Baseefa Ltd (UK Notified Body 1180). It, and any supplements previously issued by SGS Baseefa Ltd have been transferred to the supervision of SGS Fimko Oy (EU Notified Body 0598). The original certificate number is retained.

The examination and test results are recorded in confidential Report No. – **See Certificate History**

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0: 2018 EN 60079-11: 2012

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign “X” is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

11 This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of the product shall include the following:

Ex II 1 GD Ex ia IIC T4 Ga Ex ia IIIC T₂₀₀135°C Da (-40°C ≤ Ta ≤ +70°C)

SGS Fimko Oy Customer Reference No. **0676**

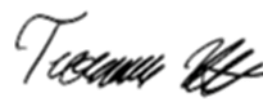
Project File No. **22/0316**

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Tuomas Hänninen
SGS Fimko Oy

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Schedule

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Certificate Number Baseefa03ATEX0084X – Issue 8

15 Description of Product

The Manual Call Point Type PBI / BGI is designed to initiate an electrical signal when the alarm switch is operated. Alternative versions can provide local LED indication.

The unit comprises of a polyester enclosure with an optional epoxy or acrylic paint finish, terminal block and a push button switch under a flap or a break glass switch unit. Different versions contain resistors and / or zener diodes. These components may optionally be mounted on an encapsulated PCB. An optional end-of-line resistor may be added.

External connections are made at the terminals via gland entries at the bottom of the unit.

Input Parameters

Group IIC (Ex ia IIC T4 Ga)

$$\begin{array}{ll} U_i = 30V & C_i = 0 \\ I_i = 147mA & L_i = 0 \\ P_i = 0.8W & \end{array}$$

Group IIIC (Ex ia IIIC T₂₀₀135°C Da)

$$\begin{array}{ll} U_i = 28V & C_i = 0 \\ I_i = 93mA & L_i = 0 \\ P_i = 0.65W & \end{array}$$

16 Report Number

See Certificate History

17 Specific Conditions of Use

1. The Manual Call Point has a plastic enclosure which must only be cleaned with a damp cloth to avoid the danger of ignition due to a build-up of an electrostatic charge.
2. The Manual Call Point must only be fitted with approved Ex e glands and blanking plugs that will maintain the ingress protection to at least IP6X.

18 Essential Health and Safety Requirements

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

| Clause | Subject | Compliance |
|--------|--|-------------------------------|
| 1.2.7 | LVD type requirements | Manufacturer responsibility |
| 1.2.8 | Overloading of equipment (protection relays, etc.) | User/Installer responsibility |
| 1.4.1 | External effects | User/Installer responsibility |
| 1.4.2 | Aggressive substances, etc. | User/Installer responsibility |

19 Drawings and Documents

New drawings submitted for this issue of certificate:

| Number | Sheet | Issue | Date | Description |
|---------|--------|-------|----------|--|
| 280-658 | 1 of 1 | D | 26-04-23 | BGI/BG2I Breakglass ATEX/UKEX Cert Label |
| 380-456 | 1 of 1 | B | 26-04-23 | PBI Pushbutton ATEX/ UKEX Cert Label |

These drawings are common to BAS21UKEX0546X.

Current drawings which remain unaffected by this issue:

| Number | Sheet | Issue | Date | Description |
|---------|--------|-------|----------|---|
| 280-657 | 1 of 1 | D | 29-01-16 | General Assembly - BGI/BG2I Break Glass |
| 122-808 | 1 of 1 | 1 | 05-03-07 | Addition of Optional Acrylic Paint |
| 280-676 | 1 to 5 | A | 17-04-02 | Wiring Diagram |
| 380-448 | 1 of 1 | A | 22-04-02 | General Assembly |

20 Certificate History

| Certificate No. | Date | Comments |
|-------------------------------|-------------------|--|
| Baseefa03ATEX0084X | 27 February 2003 | The release of the prime certificate. The associated test and assessment against the requirements of EN 50014: 1997 + Amd 1 & 2, EN 50020: 2002, EN 50284: 1999 & EN 50281-1-1: 1998 is documented in Test Report No. 02(C)0186. Project File No. 02/0186. |
| Baseefa03ATEX0084X/1 | 28 April 2003 | To permit modifications to introduce the BGI break glass call point. Project File No. 03/0236. |
| Baseefa03ATEX0084X/2 | 24 April 2007 | To permit the use of epoxy or acrylic paint processes. Project File No. 07/0181. |
| Baseefa03ATEX0084X/3 | 4 January 2008 | To permit the use of an alternative enclosure material. Project File No. 07/0852. |
| Baseefa03ATEX0084X/4 | 2 September 2010 | To permit minor drawing changes and to confirm that the original special condition of safe use stated at 17.3 (UV exposure) no longer applies. Project File No. 10/0075. |
| Baseefa03ATEX0084X/5 | 3 September 2012 | To confirm that the equipment meets the requirements of IEC 60079-0:2011/EN 60079-0:2012 & EN 60079-11:2012, including revision of the marking. Report No. GB/BAS/ExTR12.0220/00. Project File No. 12/0715. |
| Baseefa03ATEX0084X Issue 6 | 14 September 2016 | This issue of the certificate incorporates previously issued primary & supplementary certificates into one certificate, permits minor mechanical changes and confirms the current design meets the requirements of EN 60079-0:2012+A11:2013. Report No. GB/BAS/ExTR16.0249/00. Project File No. 16/0088. Also to permit existing information (for example on Schedule Drawings) to be replaced by the revised certificate holders name. No other changes may be made to the certified design |
| Baseefa03ATEX0084X Issue 7 | 1 November 2021 | To assess the product against the requirements of EN IEC 60079-0: 2018. SGS Baseefa Certification Report 21(C)0385/01 |
| Baseefa03ATEX0084X Issue 8 | 28 June 2023 | To update the marking to show the 200mm dust maximum surface temperature. Report No. GB/SGS/ExTR23.0033/00. Project File No. 22/0316. |

For drawings applicable to each issue, see original of that issue.