



1 **EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 EC - Type Examination Certificate Number: **Baseefa03ATEX0084X**

4 Equipment or Protective System: **MANUAL CALL POINT TYPE PB1**

5 Manufacturer: **MEDC LIMITED**

6 Address: **Colliery Road, Pinxton, Nottingham, NG16 6JF**

7 This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Baseefa (2001) Ltd. Notified body number 1180, in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report No. 02(C)0186

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

EN50014:1997 + Amd 1 & 2 EN50020:2002 EN500284:1999 EN50281-1-1:1998

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 equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

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

12 The marking of the equipment or protective system shall include the following :

⊕ II 1GD EEx ia IIC T4 (-40°C ≤ T_a ≤ +70°C) T135°C

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa (2001) Ltd. Customer Reference No. 0676

Project File No. 02/0186

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa (2001) Ltd.

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e-mail info@baseefa2001.biz web site www.baseefa2001.biz

Registered in England No. 4305578 at 13 Dovedale Crescent, Buxton,
Derbyshire, SK17 9BJ

R S SINCLAIR

DIRECTOR

On behalf of

Baseefa (2001) Ltd.

Re-Issued 23 April 2003



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Schedule

14

Certificate Number Baseefa03ATEX0084X

15 Description of Equipment or Protective System

The Manual Call Point Type PB1 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, terminal block and a push button switch under a flap. 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

$$U_i = 30V$$

$$I_i = 147mA$$

$$P_i = 0.8W$$

$$C_i = 0$$

$$L_i = 0$$

16 Report Number

02(C)0186

17 Special Conditions for Safe Use

1. The Manual Call Point Type PB1 has 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 Type PB1 must only be fitted with approved EEx e glands and blanking plugs that will maintain the ingress protection to at least IP6X.
3. The Manual Call Point PB1 must be installed in a location where it is protected against prolonged exposure to U.V. light.

18 Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
380-448	1	A	22.04.02	General Assembly
280-676	1 to 5	A	17.04.02	Wiring Diagram
380-456	1	A	22.04.02	Label, PB1



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 Supplementary EC - Type **Baseefa03ATEX0084X/1**
Examination Certificate Number:

4 Equipment or Protective System: **MANUAL CALL POINT TYPE PBI**

5 Manufacturer: **MEDC LIMITED**

6 Address: **Colliery Road, Pinxton, Nottingham, NG16 6JF**

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa03ATEX0084X to apply to equipment or protective systems 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.

This supplementary certificate shall be held with the original certificate.

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa (2001) Ltd. Customer Reference No. **0676**

Project File No. **03/0236**

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa (2001) Ltd.

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R S SINCLAIR
DIRECTOR
On behalf of
Baseefa (2001) Ltd.



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Schedule

14

Certificate Number Baseefa03ATEX0084X/1

15

Description of the variation to the Equipment or Protective System

Variation 1.1

To permit the following modifications to Manual Call Point Type PBI:

- a. The use of an alternative design for the enclosure lid.
- b. Replace the push-button to actuate the alarm switch by a break glass unit.
- c. The ambient temperature range has been reduced to -20°C to 50°C .
- d. Minor changes to the mechanical assembly inside the enclosure.

With the above changes a Manual Call Point Type BGI is created, coded $\text{Ex III GD EEx ia IIC T4 } (-20^{\circ}\text{C} \leq T_a \leq 50^{\circ}\text{C})$ T135°C.

16

Report Number

02(C)0236

17

Special Conditions for Safe Use

1. The special conditions for safe use specified on the original certificate for the Manual Call Point Type PBI are also applicable to the Manual Call Point Type BGI.

18

Essential Health and Safety Requirements

See original

19

Drawings and Documents

Number	Sheet	Issue	Date	Description
280-657	1	A	22.04.02	General assembly BGI
280-658	1	A	22.04.02	Label BGI



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate **See Schedule**
Number:

4 Equipment or protective system: **See Schedule**

5 Manufacturer: **MEDC**

6 Address: **Colliery Road, Pinxton, Nottingham, NG16 6JF**

7 This supplementary certificate extends the EC - Type Examination Certificates listed in the Schedule to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedules of the said Certificates but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

A copy of this Supplementary Certificate shall be attached to each of the original Certificates.

This certificate may only be reproduced in its entirety, without any change, Schedule included.

Baseefa Customer Reference No. **0676**

Project File No. **07/0181**

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa

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Buxton, Derbyshire SK17 9RZ
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Baseefa is a trading name of Baseefa (2001) Ltd
Registered in England No. 4305578 at the above address


R S SINCLAIR

DIRECTOR
On behalf of
Baseefa (2001) Ltd.



Schedule

Description of the variation to the Equipment or Protective System

To permit the use of epoxy or acrylic paint processes on the products detailed below.

Certificate No.	Supplement No.	Equipment Type
BAS99ATEX2195X	5	XBII
BAS99ATEX2196	5	XB12,FB12,TH12,FL12,
BAS00ATEX2031	2	XB9
BAS00ATEX2097X	9	DB3, DB3L, DB4, DB4L
BAS00ATEX2098X	9	DB3E, DB3E, DB4, DB4E
BAS00ATEX2204X	1	XB10
BAS00ATEX2226X	1	XB10E
BAS02ATEX2086X	5	DB10
BAS02ATEX2105X	4	BGE, PBE
Baseefa03ATEX0084X	2	BG1, PB1
Baseefa04ATEX0009X	3	XB15, FB15, FL15, LD15, TH15
Baseefa04ATEX0166X	2	DB16 IIB
Baseefa04ATEX0167X	2	DB16 IIC
Baseefa05ATEX0198X	1	DB20 IIB
Baseefa05ATEX0199X	1	DB20 IIC

Report No.

None

Special Conditions for Safe Use

None additional to those listed previously

Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation

Drawings and Documents

Number	Issue	Date	Description
122-808	1	05/03/07	Addition of Optional Acrylic Paint to Products Listed.



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate Number: **Baseefa03ATEX0084X/3**

4 Equipment or Protective System: **Manual Call Point Type PBI**

5 Manufacturer: **MEDC Limited**

6 Address: **Colliery Road, Pinxton, Nottingham, NG16 6JF**

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa03ATEX0084X to apply to equipment or protective systems 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.

This supplementary certificate shall be held with the original certificate.

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. 0676

Project File No. 07/0852

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa

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P. DICKINSON
R S SINCLAIR
DIRECTOR
On behalf of
Baseefa (2001) Ltd.



13

Schedule

14

Certificate Number Baseefa03ATEX0084X/3

15

Description of the variation to the Equipment or Protective System

Variation 3.1

To permit the use of an alternative enclosure material which does not affect the previous assessment.

16

Report Number

None.

17

Special Conditions for Safe Use

None additional to those listed previously

18

Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19

Drawings and Documents

Number	Sheet	Issue	Date	Description
280-657	1 of 1	B	10.10.07	ATEX Certification GA BGI Break Glass



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate Number: **Baseefa03ATEX0084X/4**

4 Equipment or Protective System: **Manual Call Point Type PBI**

5 Manufacturer: **Cooper MEDC Limited**

6 Address: **Colliery Road, Pinxton, Nottingham, NG16 6JF**

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa02ATEX0084X to apply to equipment or protective systems 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.

This supplementary certificate shall be held with the original certificate.

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. **0676**

Project File No. **10/0075**

This certificate is granted subject to the general terms and conditions of Baseefa. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa

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R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



13

Schedule

14

Certificate Number Baseefa03ATEX0084X/4

15 Description of the variation to the Equipment or Protective System

Variation 4.1

To permit minor drawing changes that do not affect the previous assessment.

Variation 4.2

The special condition of safe use stated at 17.3 on the original certificate no longer applies.

16 Report Number

None.

17 Special Conditions for Safe Use

1. The Manual Call Point Type PB1 has 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 Type PB1 must only be fitted with approved EEx e glands and blanking plugs that will maintain the ingress protection to at least IP6X.

18 Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
380-448	1 of 1	B	26.01.10	ATEX Certification GA PBI Push Button



1 SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE

**2 Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate Number: Baseefa03ATEX0084X/5

4 Equipment or Protective System: Manual Call Point Type PBI / BGI

5 Manufacturer: Cooper MEDC Limited

6 Address: Colliery Road, Pinxton, Nottingham, NG16 6JF, UK

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa03ATEX0084X to apply to equipment or protective systems 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 Item 9 of the original Certificate is replaced by "Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012 EN 60079-11:2012

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

9 The marking of the equipment has changed from the original Certificate and shall include the following:

**⊕ II 1 GD Ex ia IIC T4 Ga (-40°C ≤ Ta ≤ +70°C)
Ex ia IIIC T135°C Da (-40°C ≤ Ta ≤ +70°C)**

This certificate shall be held with the original certificate and may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. 0676

Project File No. 12/0715

This certificate is granted subject to the general terms and conditions of Baseefa. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

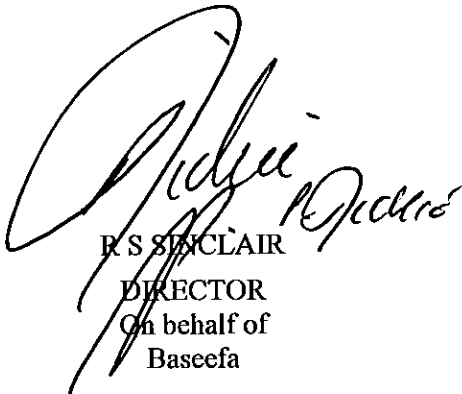
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Baseefa is a trading name of Baseefa Ltd

Registered in England No. 4305578. Registered address as above.


R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



13

Schedule

14

Certificate Number Baseefa03ATEX0084X/5

15 Description of the variation to the Equipment or Protective System

Variation 5.1

To confirm that the equipment covered by this certificate has been reviewed against the requirements of IEC 60079-0:2011 and EN 60079-11:2012 in respect of the differences from EN 50014:1997 + Amds 1 & 2 and EN 50020:2002 and that none of these differences, with the exception of marking, affect this equipment. The equipment is now marked:

⊕ II 1GD Ex ia IIC T4 Ga (-40°C ≤ Ta ≤ +70°C)
Ex ia IIIC T135°C Da (-40°C ≤ Ta ≤ +70°C)

Input Parameters

Group IIC (Ex ia IIC T4 Ga)*

$U_i = 30V$ $C_i = 0$
 $I_i = 147mA$ $L_i = 0$
 $P_i = 0.8W$

Group IIIC (Ex ia IIIC T135°C Da)

$U_i = 28V$ $C_i = 0$
 $I_i = 93mA$ $L_i = 0$
 $P_i = 0.65W$

* These parameters are unchanged but are repeated here for clarity.

16 Report Number

GB/BAS/ExTR12.0220/00

17 Specific Conditions of Use

None additional to those listed previously.

18 Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
280-658	1 of 1	B	22-04-02	BGI/BG2I Breakglass ATEX Cert Label
380-456	1 of 1	B	22-04-02	PBI Pushbutton ATEX Cert Label

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 6**
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 Baseefa, Notified Body number 1180, 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.

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 60079-0:2012+A11:2013 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 :

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

Ex ia IIIC T135°C Da (-40°C ≤ Ta ≤ +70°C)

SGS Baseefa Customer Reference No. **0676**

Project File No. **16/0088**

This document is issued by the Company subject to its General Conditions for Certification Services accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and the Supplementary Terms and Conditions accessible at <http://www.sgs.com/SGSBaseefa/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. It does not necessarily indicate that the equipment may be used in particular industries or circumstances. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, schedule included, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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R S SINCLAIR (P D B REANLEY)

TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

13

Schedule

14

Certificate Number Baseefa03ATEX0084X – Issue 6

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 T135°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

GB/BAS/ExTR16.0249/00

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:

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
280-657	1 of 1	D	29-01-16	General Assembly - BGI/BG2I Break Glass

Current drawings which remain unaffected by this issue:

Number	Sheet	Issue	Date	Description
122-808	1 of 1	1	05-03-07	Addition of Optional Acrylic Paint
280-658	1 of 1	B	22-04-02	BGI/BG2I Breakglass ATEX Cert Label
280-676	1 to 5	A	17-04-02	Wiring Diagram
380-448	1 of 1	A	22-04-02	General Assembly
380-456	1 of 1	B	22-04-02	PBI Pushbutton ATEX Cert Label

All drawings are common to, and held with, IECEX BAS 12.0093X.

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

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 7**
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:

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

Ex ia IIIC T135°C Da (-40°C ≤ Ta ≤ +70°C)

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

Project File No. **21/0385**

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Schedule

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Certificate Number Baseefa03ATEX0084X – Issue 7

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)

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

Group IIIC (Ex ia IIIC T135°C Da)

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

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:

None.

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
280-658	1 of 1	B	22-04-02	BGI/BG2I Breakglass ATEX Cert Label
280-676	1 to 5	A	17-04-02	Wiring Diagram
380-448	1 of 1	A	22-04-02	General Assembly
380-456	1 of 1	B	22-04-02	PBI Pushbutton ATEX Cert Label

All drawings are common to, and held with, IECEx BAS 12.0093X.

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