

UK-TYPE EXAMINATION CERTIFICATE

Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1

UK-Type Examination Certificate Number: **BAS21UKEX546X – Issue 1**

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

Manufacturer: **Eaton MEDC Limited**

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

This re-issued certificate extends UK-Type Examination Certificate No. BAS21UKEX0546X 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.

SGS Baseefa, Approved Body number 1180, in accordance with Regulation 43 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended by UKSI 2019:696), 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 Schedule 1 of the Regulations.

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

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.

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.

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

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 Baseefa Customer Reference No. **0676**

Project File No. **22/0316**

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R S SINCLAIR

TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

pp David
Brearley

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Schedule

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Certificate Number BAS21UKEX0546X – Issue 1

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)

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			

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Report Number

See Certificate History

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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.

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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
13	LVD type requirements
14	Overloading of equipment (protection relays, etc.)
21 (1)	External effects
21 (2)	Aggressive substances, etc.

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	D	26-04-23	*PBI Pushbutton ATEX/ UKEX Cert Label

For all other drawings see Baseefa03ATEX0084X.

These drawings are common to, and held with, Baseefa03ATEX0084X.

Current drawings which remain unaffected by this issue:

Number	Sheet	Issue	Date	Description
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None

20 Certificate History

Certificate No.	Date	Comments
BAS21UKEX0546X	01 November 2021	The release of the prime certificate. The associated test and assessment against the requirements of EN IEC 60079-0:2018 and EN 60079-11: 2012 is documented in Test Report No. 21(C)0385.
BAS21UKEX0546X Issue 1	23 June 2023	To update the marking to include the 200mm dust maximum surface temperature. Documented in GB/ExTR23.0033/00
For drawings applicable to each issue, see original of that issue.		