



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEx BAS 12.0093X** Page 1 of 4 Certificate history:
Status: **Current** Issue No: 2 Issue 1 (2013-03-04)
Issue 0 (2012-09-03)
Date of Issue: 2016-09-14
Applicant: **Eaton MEDC Limited**
Unit B, Sutton Parkway
Oddicroft Lane
Sutton-in-Ashfield
NG17 5FB
United Kingdom
Equipment: **Manual Call Point Type PBI / BGI**
Optional accessory:
Type of Protection: **Intrinsic Safety**
Marking: **Ex ia IIC T4 Ga (-40°C ≤ Ta ≤ +70°C)**
Ex ia III C T135°C Da (-40°C ≤ Ta ≤ +70°C)

Approved for issue on behalf of the IECEx
Certification Body:

R. S. Sinclair

Position:

Technical Manager

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

SGS Baseefa Limited
Rockhead Business Park
Staden Lane
Buxton, Derbyshire, SK17 9RZ
United Kingdom





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Manufacturer: **Eaton MEDC Limited**
Unit B, Sutton Parkway
Oddicroft Lane
Sutton-in-Ashfield
NG17 5FB
United Kingdom

Additional
manufacturing
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

[GB/BAS/ExTR12.0220/00](#)

[GB/BAS/ExTR16.0249/00](#)

Quality Assessment Report:

[GB/BAS/QAR06.0023/07](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

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)

Ui	=	30V	Ci	=	0
Ii	=	147mA	Li	=	0
Pi	=	0.8W			

Group III C (Ex ia III C T135°C Da)

Ui	=	28V	Ci	=	0
Ii	=	93mA	Li	=	0
Pi	=	0.65W			

SPECIFIC CONDITIONS OF USE: YES as shown below:

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 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 rating.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Variation 2.1

To permit minor mechanical changes that do not affect the original assessment.

Variation 2.2

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

ExTR: **GB/BAS/ExTR16.0249/00**

File Reference: **16/0088**