



# IECEx Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx PRE 14.0052X Issue No: 1 Certificate history:  
Status: **Current** Page 1 of 4 [Issue No. 1 \(2015-03-09\)](#)  
Date of Issue: **2015-03-09** [Issue No. 0 \(2014-12-12\)](#)  
Applicant: **Bartec Technor AS**  
Post Box 658, Dusavikv. 39,  
4007 Stavanger  
**Norway**  
Electrical Apparatus: **Excite Explosion-Proof Manual Call Point & Push Button BCP 125 & BPB  
125**  
*Optional accessory:*  
Type of Protection: **Flameproof and dust ignition Protection by enclosure.**  
Marking:  
Ex d IIC T6 Gb  
Ex tb IIIC T85°C( Tamb=-40°C~+70°C) IP66

Approved for issue on behalf of the IECEx  
Certification Body:

Asle Kaastad

Position:

Certification 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 the [Official IECEx Website](#).

Certificate issued by:

**DNV Nemko Presafe AS**  
Gautadalleen 30  
P.O.Box 73 Blindern  
0314 Oslo  
Norway





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Certificate No: IECEx PRE 14.0052X Issue No: 1

Date of Issue: 2015-03-09 Page 2 of 4

Manufacturer: **Bartec Technor AS**  
Post Box 658, Dusavikv. 39,  
4007 Stavanger  
**Norway**

Additional Manufacturing  
location(s):

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 electrical apparatus 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 60079-1 : 2007-04** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:6

**IEC 60079-31 : 2008** Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:1

*This Certificate **does not** indicate compliance with electrical 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 Report:

CN/CQM/ExTR13.0043/00

NO/NEM/ExTR13.0032/00

NO/PRE/ExTR14.0048/01

#### Quality Assessment Report:

NO/NEM/QAR07.0003/07



# IECEx Certificate of Conformity

Certificate No: IECEx PRE 14.0052X

Issue No: 1

Date of Issue: 2015-03-09

Page 3 of 4

## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

This report covers two products, one is Manual Call Point type BCP 125 and the other is a Push Button type BPB 125. The difference is not involving the Ex protection principle. The product is made up of; main body and front cover both made in Stainless Steel, connected together by a spigot joint. There is actuator head screwed into the cover with an Ex threads of M20\*1,5. An operating rod pass through this and forms an Ex Cylindrical joints from the outside to the inside of the enclosure. 2 LEDs are installed in the lid by using cemented joint. There are micro switches, PCB's and a terminal row inside the housing.

#### Type identification

BCP 125 & BPB 125 Series

#### Electrical Data

30V DC 6A, 250 VAC 11A

#### Routine Test

A routine pressure test according to EN 60079-1 clause 16 shall be carried out on all enclosures with the following pressures

BCP 125 & 1.6MPa

BPB 125

#### TyIn

**CONDITIONS OF CERTIFICATION: YES as shown below:**

Repairs of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in tables 1 and 2 of EN/IEC 60079-1.



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Certificate No: IECEx PRE 14.0052X

Issue No: 1

Date of Issue: 2015-03-09

Page 4 of 4

**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):**

- 1) Correction in the type error of ambient temperature from  $-40^{\circ}\text{C}\sim+55^{\circ}\text{C}$  to  $-40^{\circ}\text{C}\sim+70^{\circ}\text{C}$ .
- 2) Updated the marking plate to include word 'Excite' under Type.