



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

Certificate No.: IECEx BAS 08.0008X Issue No: 3 Certificate history:
Status: **Current** Issue No. 3 (2015-10-02)
Date of Issue: **2015-10-02** Page 1 of 4 Issue No. 2 (2012-05-31)
Applicant: **Dong A Bestech Company Limited** Issue No. 1 (2009-10-30)
13-16, Samjeong-Dong Issue No. 0 (2008-02-07)
Ojeong-Ku
Bucheon-City
Kyung Gi-Do
Korea, Republic of

Equipment: **A Range of Thread Adaptors & Reducers**
Optional accessory:

Type of Protection: **Ex d, Ex e, Ex tD**

Marking: **Ex d IIC Gb Ex e IIC Gb Ex tb III C Db IP66**
or the alternative form
Ex db IIC Ex eb IIC Ex tb III C IP66

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 the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

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





IECEX Certificate of Conformity

Certificate No: IECEX BAS 08.0008X Issue No: 3

Date of Issue: **2015-10-02** Page 2 of 4

Manufacturer: **Dong A Bestech Company Limited**
13-16, Samjeong-Dong
Ojeong-Ku
Bucheon-City
Kyung Gi-Do
Korea, Republic of

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 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 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2007-04 Edition:6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2008 Edition:1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
IEC 60079-7 : 2006-07 Edition:4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*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:

[GB/BAS/ExTR08.0024/00](#)

[GB/BAS/ExTR12.0109/00](#)

[GB/BAS/ExTR15.0275/00](#)

Quality Assessment Report:

[GB/BAS/QAR07.0030/05](#)



IECEX Certificate of Conformity

Certificate No: IECEx BAS 08.0008X

Issue No: 3

Date of Issue: 2015-10-02

Page 3 of 4

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The thread adaptors are manufactured in nickel plated brass and may be supplied in metric or NPT threadforms. The internal and external thread sizes may vary between M16 and M85 (or NPT equivalent) with the female thread being either smaller, or up to three sizes larger, than the male.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. If the adapters are intended for use with increased safety (Ex e) or dust tight (Ex tD) enclosures, the threads should be sealed to maintain an IP 54 or IP6X respectively in accordance with IEC60079-14.
2. Only one thread adaptor is permitted for each cable entry, blanking elements shall not be used with adaptors.
3. The extended thread versions shall not be used with partially threaded entries such that the device does not fully engage (i.e. should thread in up to the shoulder).
4. Care shall be taken when used with Ex e apparatus that any internal protrusion does not impinge on the required creepage/clearance distances.



IECEX Certificate of Conformity

Certificate No: IECEx BAS 08.0008X

Issue No: 3

Date of Issue: 2015-10-02

Page 4 of 4

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

Variation 3.1

Extension of the adaptor/reducer size range to include a M63 to M90 Adaptor and a M75 to M100 Adaptor.

Variation 3.2

An optional increase in the metric male thread length of adaptors and reducers to 35mm

Variation 3.3

Addition of Conditions of Certification 3 and 4.

ExTR: **GB/BAS/ExTR15. 0275/00**

File Reference: **14/0865**