

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 Number: **Baseefa17ATEX0025X**

4 Product: **Type DNSS2K Cable Glands (Barrier Type)**

5 Manufacturer: **Dong A Bestech Company Limited**

6 Address: **13-16, Samjeong-Dong, Ojeong-Ku, Bucheon-City, Kyung Gi-Do,
South Korea**

7 This product and any acceptable variation thereto is specified in the schedule 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. **GB/BAS/ExTR17.0037/00**

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

EN 60079-0:2012+A11:2013 EN 60079-1:2014 EN 60079-7:2015 EN 60079-31:2014

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 :

**Ex II 2 GD Ex db IIC Gb
Ex eb IIC Gb
Ex tb IIIC Db
(-60°C +100°C) IP66/67**

SGS Baseefa Customer Reference No. **5402**

Project File No. **16/0714**

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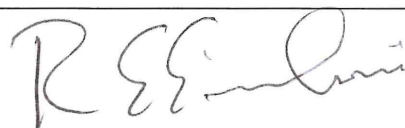
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R S SINCLAIR
TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

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Schedule

14

Certificate Number Baseefa17ATEX0025X

15 Description of Product

The DNSS2K cable glands are intended for use with non-armoured cable and comprise the following components constructed from brass or stainless steel 316L:-

1. An Entry component in the size range (M16 to M90)
2. A ferrule for compound filling
3. A two part epoxy filling compound
4. An armour cone – retains the ferrule
5. A Middle nut
6. An outer displacement seal – made from EPDM
7. A back nut

The glands may be supplied with metric entry threads or alternative NPT entry thread to ANSI/ASME B1.20.1 of equivalent size.

16 Report Number

SGS Baseefa Report Reference No: GB/BAS/ExTR17.0037/00

17 Specific Conditions of Use

1. The cables shall be clamped and/or cleated to prevent from pulling or twisting forces.
2. When used in dust environments the entry thread shall be sealed (in accordance with IEC60079-14) to maintain the ingress protection rating of the associated enclosure.

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	Result – Remark
1.2.7	LVD type requirements	Standards require manufacturer's declaration, supplied.
1.2.8	Overloading of equipment (protection relays, etc.)	Covered by installation rules and manufacturer's instructions
1.4.1	External effects	The Purchaser should make the manufacturer aware of such issues. Covered in Instructions
1.4.2	Aggressive substances, etc.	The Purchaser should make the manufacturer aware of such issues. Covered in Instructions

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
BAS-CG16-DNSS2K-0000-00-(1)	1	0	05/12/2016	DNSS2K General Assembly
BAS-CG16-DNSS2K-000-00-(1)-1	1	0	05/12/2016	DNSS2K Part Assembly
BAS-CG16-DNSS2K-1	1	0	05/12/2016	Back nut M16 TO M90
BAS-CG16-DNSS2K-2	1	0	05/12/2016	Outer seal washer M16 TO M90
BAS-CG16-DNSS2K-3	1	0	05/12/2016	Outer sealing ring M16 TO M90
BAS-CG16-DNSS2K-4	1	0	05/12/2016	Middle nut M16 TO M90

Number	Sheet	Issue	Date	Description
BAS-CG16-DNSS2K-5	1	0	05/12/2016	Compression cone M16 TO M90
BAS-CG16-DNSS2K-5-(1)	1	0	05/12/2016	O-ring M16 TO M90
BAS-CG16-DNSS2K-6	1	0	05/12/2016	Compound sleeve M16 TO M90
BAS-CG16-DNSS2K-7	1	0	05/12/2016	Entry adapter M16 TO M90
BAS-CG16-DNSS2K-7-1	1	0	05/12/2016	Entry adapter M16 TO M90
BAS-CG16-DNSS2K-8	1	0	05/12/2016	Entry adapter M16 to M90
BAS-CG16-DNSS2K-9	1	0	05/12/2016	Entry adapter M16 TO M90
BAS-CG16-DNSS2K-000-10	1	0	05/12/2016	Outer surface seal M16 TO M90

These drawings are common to this certificate and are held with IECEx BAS 17.0020X.