



1 **EC - TYPE EXAMINATION CERTIFICATE**

2 **Component Intended for use on/in an Equipment or Protective System
Intended for use in Potentially Explosive Atmospheres - Directive 94/9/EC**

3 EC - Type Examination Certificate Number: **Baseefa11ATEX0150U**

4 Component: **Male to Male and Female to Female Adaptors Type 479 and 480**

5 This certificate is held by: **Hawke International (A Division of Hubbell Limited)**

6 Address: **Oxford Street West, Ashton-under-Lyne, Lancashire, OL7 0NA**

7 This component and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Baseefa, Notified Body number 1180, in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of components 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/ExTR11.0167/00**

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

EN 60079-0: 2009 EN 60079-1: 2007 EN 60079-7: 2007 EN 60079-31: 2009

except in respect of those requirements listed at item 18 of the Schedule.

10 The sign "U" is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

11 This EC - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified Component. Further requirements of the Directive apply to the manufacturing process and supply of this component. These are not covered by this certificate.

12 The marking of the component shall include the following :

⊕ II 2 GD Ex d Ex e IIC Gb Ex tb IIIC Db (-60°C to +200°C)

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. **0500**

Project File No. **11/0129d**

This certificate is granted subject to the general terms and conditions of Baseefa. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa

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Baseefa is a trading name of Baseefa Ltd

Registered in England No. 4305578. Registered address as above.

R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



13

Schedule

14

Certificate Number Baseefa11ATEX0150U

15 Description of Component

The Type 479 and Type 480 Adaptors have thread sizes ranging from M16 to M75 and are intended for the inline connection to suitable enclosure or fittings having male or female threads for flameproof applications. For increased safety and dust protection the holes in the equipment may be plain.

The adaptors are manufactured from hexagonal brass, steel or stainless steel tube and are machined to accept either two male coaxial external threads separated by an external hexagon section to form a Type 479 Adapter, or two female coaxial threads to form a Type 480 Adapter. The thread forms may be of the same thread type and size or one of the threads may be one thread size larger.

The threads may be metric or NPT or other equivalent parallel thread forms as detailed on the drawings.

16 Report Number

Baseefa Certification Report GB/BAS/ExTR 11.0167/00

17 Schedule of Limitation

1. This component must not be used with a certified piece of equipment unless the certificate for the equipment specifically includes for its use.
2. The overall cross sectional area of the conductors must not exceed 40% of the cross sectional area of the bore of the fitting when three or more none sheathed, insulated, single or multi-core conductors pass through the fitting unless tested and specified

18 Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

19 Drawings and Documents

Number	Issue	Date	Description
479	A	08/02/11	479 Male to Male Adaptor Dimensions
480	A	08/02/11	480 Female to Female Adaptor Dimensions

These drawings are common to IEC EX BAS11.0072U and are held with this file



1 SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE

**2 Component Intended for use on/in an Equipment
Intended for use in Potentially Explosive Atmospheres - Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate Number: Baseefa11ATEX0150U/1

4 Component: Male to Male and Female to Female Adaptors Type 479 and 480

5 Manufacturer: Hawke International (A Division of Hubbell Limited)

6 Address: Oxford Street West, Ashton-under-Lyne, Lancashire, OL7 0NA

7 This supplementary certificate extends EC - Type Examination Certificate No. Baseefa11ATEX0150U to apply to components 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.

This supplementary certificate shall be held with the original certificate.

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. **0500**

Project File No. **12/1055**

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Baseefa is a trading name of Baseefa Ltd
Registered in England No. 4305578. Registered address as above.

A handwritten signature in black ink, appearing to read "P R S Sinclair Mowney".
P R S SINCLAIR MOWNEY
DIRECTOR
On behalf of
Baseefa



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Schedule

14

Certificate Number Baseefa11ATEX0150U/1

15 **Description of the variation to the Component**

Variation 1.1

The introduction of a new variant with the option of a M18 x 1 mm thread.

16 **Report Number**

Baseefa Certification Report GB/BAS/ExTR13.0024/00

17 **Schedule of Limitations**

None additional to those listed previously

18 **Essential Health and Safety Requirements**

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 **Drawings and Documents**

Number	Sheet	Issue	Date	Description
480	1	B	10/12/12	480 Female to Female Adaptor Dimensions.

The above drawing is common to, and is held with, IECEx BAS 11.0072U

1 SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE

**2 Component Intended for use on/in an Equipment
Intended for use in Potentially Explosive Atmospheres - Directive 94/9/EC**

- 3** Supplementary EC - Type Examination Certificate Number: **Baseefa11ATEX0150U/2**
- 4** Component: **Male to Male and Female to Female Adaptors Type 479 and 480**
- 5** Manufacturer: **Hawke International (A Division of Hubbell Limited)**
- 6** Address: **Oxford Street West, Ashton-under-Lyne, Lancashire OL7 0NA**
- 7** This supplementary certificate extends EC - Type Examination Certificate No. Baseefa11ATEX0150U to apply to components 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.
- 8** Item 9 of the original Certificate is replaced by "Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0:2012+A11:2013 EN 60079-1:2014 EN60079-7:2015 EN 60079-31:2014
except in respect of those requirements listed at item 18 of the Schedule."
- 9** The marking of the equipment has changed from the original Certificate and shall include the following:
⊕ II 2 GD Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db (-60°C to +200°C)

This certificate shall be held with the original certificate.

Baseefa Customer Reference No. **0500**

Project File No. **15/0098**

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PP McInerney
McInerney

R S SINCLAIR
GENERAL MANAGER

On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number Baseefa11ATEX0150U/2**

15 **Description of the variation to the Component**

Variation 2.1

To allow the update of the Male to Male and Female to Female Adaptors Type 479 and 480 as listed on the certificate to comply with the latest edition of the following standards: EN 60079-0: 2012 + A11: 2013, EN 60079-1: 2014, EN 60079-7: 2015, EN 60079-31: 2014

Variation 2.2

To allow the minor dimensional changes to the Female to Female adaptor.

16 **Report Number**

Baseefa Certification Report GB/BAS/ExTR15.0230/00

17 **Schedule of Limitations**

None additional to those listed previously

18 **Essential Health and Safety Requirements**

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 **Drawings and Documents**

Number	Sheet	Issue	Date	Description
479	1	B	29/02/16	Male to Male Adaptor dimensions
480	1	C	29/02/16	Female to Female dimensions