

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 **Baseefa03ATEX0204X – Issue 4**
Number:

3.1 In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016.

4 Product: **Series 10,000 Probe**

5 Manufacturer: **Metrix Instrument Co.**

6 Address: **8824 Fallbrook, Houston, Texas 77064, USA**

7 This re-issued certificate extends EC Type Examination Certificate No. Baseefa03ATEX0204X to apply to product 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 SGS Fimko Oy, Notified Body number 0598, 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.

8.1 The original certificate was issued by SGS Baseefa Ltd (UK Notified Body 1180). It, and any supplements previously issued by SGS Baseefa Ltd have been transferred to the supervision of SGS Fimko Oy (EU Notified Body 0598). The original certificate number is retained.

The examination and test results are recorded in confidential Report No. **See Certificate History**

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

EN IEC 60079-0:2018 EN 60079-11:2012

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:

 **See Schedule**

SGS Fimko Oy Customer Reference No. **0708**

Project File No. **19/0328**

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Business ID 0978538-5 Member of the SGS Group (SGA SA)



Mikko Välimäki
Authorised Signatory for SGS Fimko Oy

13

Schedule

14

Certificate Number Baseefa03ATEX0204X – Issue 4

15 Description of Product

The Series 10,000 Probe consists of a coil wound on to a plastic or ceramic mandrill and inserted into one end of an externally threaded, stainless steel cylindrical body. The coil varies in diameter from 5mm to 10mm depending on the version.

An integral coaxial or triaxial cable is connected to the coil, through the opposite end of the cylindrical body, and is terminated with a connector for mating with the Probe Driver.

An extension cable Type 7402 may be fitted between the Probe and the Probe Driver (Baseefa03ATEX0205X). The maximum length of the integral cable and extension cable is 10m and the cables may be provided with armoured protection. The maximum capacitance and inductance of the probe and extension cable is 2000pF and 200μH.

Additionally, the Series 10,000 Probe may be combined with the following accessories:

5494LP Low Pressure Feed Through
5495-XXX Forward mount Probe Holder
5497DTPH Dual Thrust Probe Holder (2x Series 10,000 Probes)
5497PM Probe Mounting System (1x Series 10,000 Probe)
5498JB [Conduit Body] Junction Box

The marking of the product shall include the following:

⊕ II 1 G Ex ia IIC T3 Ga (-40°C ≤ Ta ≤ +177°C)

⊕ II 1 G Ex ia IIC T4 Ga (-40°C ≤ Ta ≤ +110°C)

Input parameters

$U_i = 28V$
 $I_i = 138mA$
 $L_i = 200\mu H$
 $C_i = 2nF$

16 Report Number

See Certificate History

17 Specific Conditions of Use

1. The optional 5497DTPH, 5497PM (E=1 Connection Head) or 5498JB accessory enclosures may be manufactured from aluminium. They must be protected from the risk of impact and/or friction when installed in a Zone 0 environment.

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:

Clause	Subject	Compliance
1.2.7	LVD type requirements	Manufacturer responsibility
1.2.8	Overloading of equipment (protection relays, etc.)	User/Installer responsibility
1.4.1	External effects	User/Installer responsibility
1.4.2	Aggressive substances, etc.	User/Installer responsibility

19 Drawings and Documents

New drawings submitted for this issue of certificate:

Number	Sheet	Issue	Date	Description
10000-AGENCY	1 & 2	H	05/22/03	Assy, Proximity Probes
100971-IECEX	1 & 2	A	12/19/19	Nameplate, 5497PM, 5497DTPH, 5498JB, 5494LP
1847869	1 of 1	C	04-18-18	Outline & Dimension 5497DTPH Dual Thrust Probe Holder
1847913	1 – 4	B	04/19/18	Outline & Dimension 5497PM-X-X-XXX-X-1
1848854	1 of 1	B	1/16/19	Outline & Dimension 5494LP, Low Pressure Feed Through
1849828	1 of 1	B	04/23/18	Outline & Dimension 5498JB Junction Box with LPFT
1894169	1 of 1	A	03/19/20	Outline & Dimension 5495-XXX, Forward mount, Probe Holder

Current drawings which remain unaffected by this issue:

Number	Sheet	Issue	Date	Description
1158690	1 of 1	D	02-20-13	Proximity Probe Series Designations

All drawings are common to IECEx BAS 11.0065X & IECEx BAS 11.0066X and are held with IECEx BAS 11.0065X.

20 Certificate History

Certificate No.	Date	Comments
Baseefa03ATEX0204	1 July 2003	The release of the prime certificate. The associated test and assessment is documented in Test Report No. 02(C)0535.
Baseefa03ATEX0204/1	29 January 2013	To permit minor drawing changes, a change to the minimum ambient to -40°C and to confirm that the equipment meets the requirements of EN 60079-0:2012 & EN 60079-11:2012, including revision of the equipment marking. Test Report No. GB/BAS/ExTR11.0237/00. Project File No. 11/0069
Baseefa03ATEX0204 Issue 2	8 March 2016	This issue of the certificate incorporates previously issued primary & supplementary certificates into one certificate, correction of the cable length limit to 10m from 9m, permits the introduction of a triaxial cable option, introduces a temperature classification T4 variant and confirms the current design meets the requirements of EN 60079-0:2012+A11:2013. Test Report No. GB/BAS/ExTR16.0047/00. Project File No. 16/0142.
Baseefa03ATEX0204 Issue 3	21 November 2017	To permit minor mechanical changes (a ceramic mandrill) and an increase to the C_i value, now stated as $C_i = 2nF$. Test Report No. GB/BAS/ExTR17.0350/00. Project File No. 17/0388.
Baseefa03ATEX0204X Issue 4	5 May 2023	To permit the introduction of a number of accessories, now included in the description, minor drawing changes and additionally to confirm that the equipment has been assessed against the requirements of EN IEC 60079-0:2018 in respect of the differences from EN 60079-0:2012+A11:2013. Additionally, a specific condition of use relating to one of the accessories being aluminium has been introduced. Test Report No. GB/BAS/ExTR21.0121/00. Project File No. 19/0328.
For drawings applicable to each issue, see original of that issue.		



The following pages are the prior revisions of this certificate.

EC - TYPE EXAMINATION CERTIFICATE

**Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

- 1
- 2
- 3 EC - Type Examination Certificate Number: **Baseefa03ATEX0204 – Issue 3**
- 4 Equipment or Protective System: **Series 10,000 Probe**
- 5 Manufacturer: **Metrix Instrument Co.**
- 6 Address: **8824 Fallbrook, Houston, Texas 77064, USA**
- 7 This equipment or protective system 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 equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems 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's. **See Certificate History**
- 9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0:2012+A11:2013 EN 60079-11:2012
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 equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- 11 This EC - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
- 12 The marking of the equipment or protective system shall include the following :
- ⊕ II 1G Ex ia IIC T3 Ga (-40°C ≤ Ta ≤ +177°C)
- ⊕ II 1G Ex ia IIC T4 Ga (-40°C ≤ Ta ≤ +110°C)

Baseefa Customer Reference No. **0708**

Project File No. **17/0388**

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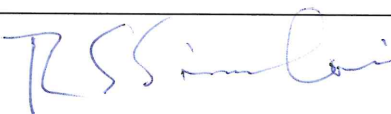
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R S SINCLAIR

GENERAL MANAGER

On behalf of SGS Baseefa Limited

METRIX DOC No: 1163674
REV: D

13 **Schedule**

14 **Certificate Number Baseefa03ATEX0204 – Issue 3**

15 **Description of Equipment or Protective System**

The Series 10,000 Probe consists of a coil wound on to a plastic or ceramic mandrill and inserted into one end of an externally threaded, stainless steel cylindrical body. The coil varies in diameter from 5mm to 10mm depending on the version.

An integral coaxial or triaxial cable is connected to the coil, through the opposite end of the cylindrical body, and is terminated with a connector for mating with the Probe Driver.

An extension cable Type 7402 may be fitted between the Probe and the Probe Driver (Baseefa03ATEX0205X). The maximum length of the integral cable and extension cable is 10m and the cables may be provided with armoured protection. The maximum capacitance and inductance of the probe and extension cable is 2000pF and 200µH.

Input parameters

$U_i = 28V$
 $I_i = 138mA$
 $L_i = 200\mu H$
 $C_i = 2nF$

16 **Report Number**

See certificate history

17 **Specific Conditions of Use**

None.

18 **Essential Health and Safety Requirements**

As follows, in addition to those covered by the standards at item 9.

Clause	Subject	Compliance
1.2.7	LVD type requirements	Manufacturer responsibility
1.2.8	Overloading of equipment (protection relays, etc.)	User/Installer responsibility
1.4.1	External effects	User/Installer responsibility
1.4.2	Aggressive substances, etc.	User/Installer responsibility

19 **Drawings and Documents**

New drawings submitted for this issue of certificate.

Number	Sheet	Issue	Date	Description
1158690	1 of 1	D	02-20-13	Proximity Probe Series Designations
10000-AGENCY	1 & 2	D	05-22-03	Assy, Proximity Probes

Current drawings also associated with this certificate.

Number	Sheet	Issue	Date	Description
7402	1	K	05-22-03	Assembly, Extension Cable 7402
7402-LG-01	1	A	04-19-94	Extension Cable 7402 Parts List
7402-XXX	1	E	06-20-88	Extension Cable 7402 Sub-Assembly Parts List

METRIX DOC No: 1163674 REV: D

Number	Sheet	Issue	Date	Description
8141-003	1	B	05-22-03	Label for Probe Cable
10001-A-B-LG-002	1	J	01-23-86	Probe Assembly Parts List. Non-Armoured

20 Certificate History

Certificate No.	Date	Comments
Baseefa03ATEX0204	1 July 2003	The release of the prime certificate. The associated test and assessment is documented in Test Report No. 02(C)0535.
Baseefa03ATEX0204/1	29 January 2013	To permit minor drawing changes, a change to the minimum ambient to -40°C and to confirm that the equipment meets the requirements of EN 60079-0:2012 & EN 60079-11:2012, including revision of the equipment marking. Test Report No. GB/BAS/ExTR11.0237/00. Project File No. 11/0069
Baseefa03ATEX0204 Issue 2	8 March 2016	This issue of the certificate incorporates previously issued primary & supplementary certificates into one certificate, correction of the cable length limit to 10m from 9m, permits the introduction of a triaxial cable option, introduces a temperature classification T4 variant and confirms the current design meets the requirements of EN 60079-0:2012+A11:2013. Test Report No. GB/BAS/ExTR16.0047/00. Project File No. 16/0142.
Baseefa03ATEX0204 Issue 3	21 November 2017	To permit minor mechanical changes (a ceramic mandrill) and an increase to the C_i value, now stated as $C_i = 2nF$. Test Report No. GB/BAS/ExTR17.0350/00. Project File No. 17/0388.
For drawings applicable to each issue, see original of that issue.		



The following pages are the prior revisions of this certificate.

1 **EC - TYPE EXAMINATION CERTIFICATE**

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

3 EC - Type Examination Certificate Number: **Baseefa03ATEX0204 – Issue 2**

4 Equipment or Protective System: **Series 10,000 Probe**

5 Manufacturer: **Metrix Instrument Co.**

6 Address: **8824 Fallbrook, Houston, Texas 77064, USA**

7 This equipment or protective system 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 equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems 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's. See Certificate History

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

EN 60079-0:2012+A11:2013 EN 60079-11:2012

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 equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

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

12 The marking of the equipment or protective system shall include the following :

⊕ II 1G Ex ia IIC T3 Ga (-40°C ≤ Ta ≤ +177°C)

⊕ II 1G Ex ia IIC T4 Ga (-40°C ≤ Ta ≤ +110°C)

Baseefa Customer Reference No. **0708**

Project File No. **16/0142**

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SGS Baseefa Limited

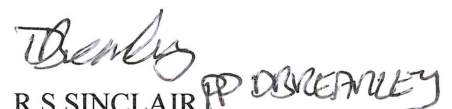
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R S SINCLAIR
GENERAL MANAGER

On behalf of SGS Baseefa Limited

METRIX DOC No: 1163674
REV: C

13 **Schedule**

14 **Certificate Number Baseefa03ATEX0204 – Issue 2**

15 **Description of Equipment or Protective System**

The Series 10,000 Probe consists of a coil wound on to a plastic mandrill and inserted into one end of an externally threaded, stainless steel cylindrical body. The coil varies in diameter from 5mm to 10mm depending on the version.

An integral coaxial or triaxial cable is connected to the coil, through the opposite end of the cylindrical body, and is terminated with a connector for mating with the Probe Driver.

An extension cable Type 7402 may be fitted between the Probe and the Probe Driver (Baseefa03ATEX0205X). The maximum length of the integral cable and extension cable is 10m and the cables may be provided with armoured protection. The maximum capacitance and inductance of the probe and extension cable is 1000pF and 200µH.

Input parameters

U_i = 28V
 I_i = 138mA
 L_i = 200µH
 C_i = 1nF

16 **Report Number**

GB/BAS/ExTR16.0083/00

17 **Specific Conditions of Use**

None.

18 **Essential Health and Safety Requirements**

As follows, in addition to those covered by the standards at item 9.

Clause	Subject	Compliance
1.2.7	LVD type requirements	Manufacturer responsibility
1.2.8	Overloading of equipment (protection relays, etc.)	User/Installer responsibility
1.4.1	External effects	User/Installer responsibility
1.4.2	Aggressive substances, etc.	User/Installer responsibility

19 **Drawings and Documents**

New drawings submitted for this issue of certificate:

Number	Sheet	Issue	Date	Description
1158690	1 of 1	C	02-20-13	Proximity Probe Series Designations
10000-AGENCY	1 & 2	C	05-22-03	Assy, Proximity Probes

These drawings are common to Baseefa11ATEX0139X, IECEx BAS 11.0066X and IECEx BAS 11.0065 and held with the latter.

Current drawings which remain unaffected by this issue:

Number	Sheet	Issue	Date	Description
7402	1	K	05-22-03	Assembly, Extension Cable 7402
7402-LG-01	1	A	04-19-94	Extension Cable 7402 Parts List

Number	Sheet	Issue	Date	Description
7402-XXX	1	E	06-20-88	Extension Cable 7402 Sub-Assembly Parts List
8141-003	1	B	05-22-03	Label for Probe Cable
10001-A-B-LG-002	1	J	01-23-86	Probe Assembly Parts List. Non-Armoured

20 Certificate History

Certificate No.	Date	Comments
Baseefa03ATEX0204	1 July 2003	The release of the prime certificate. The associated test and assessment is documented in Test Report No. 02(C)0535.
Baseefa03ATEX0204/1	29 January 2013	To permit minor drawing changes, a change to the minimum ambient to -40°C and to confirm that the equipment meets the requirements of EN 60079-0:2012 & EN 60079-11:2012, including revision of the equipment marking. Test Report No. GB/BAS/ExTR11.0237/00. Project File No. 11/0069
Baseefa03ATEX0204 Issue 2	8 March 2016	This issue of the certificate incorporates previously issued primary & supplementary certificates into one certificate, correction of the cable length limit to 10m from 9m, permits the introduction of a triaxial cable option, introduces a temperature classification T4 variant and confirms the current design meets the requirements of EN 60079-0:2012+A11:2013. Project File No. 16/0142. Test Report No. GB/BAS/ExTR16.0083/00.
For drawings applicable to each issue, see original of that issue.		



The following pages are the prior revisions of this certificate.



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

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

3 Supplementary EC - Type Examination Certificate Number: **Baseefa03ATEX0204/1**

4 Equipment or Protective System: **Series 10,000 Probe**

5 Manufacturer: **Metrix Instrument Co.**

6 Address: **8824 Fallbrook, Houston, Texas 77064, USA**

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa03ATEX0204 to apply to equipment or protective systems 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 EN 60079-11:2012

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:

Ex II 1 G Ex ia IIC T3 Ga (-40°C ≤Ta ≤+177°C)

This certificate shall be held with the original certificate and may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. **0708**

Project File No. **11/0069**

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.



pp ALLAN OGDEN

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 Baseefa03ATEX0204/1

15 Description of the variation to the Equipment or Protective System

Variation 1.1

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

Variation 1.2

To permit a change in the ambient temperature range to $-40^{\circ}\text{C} \leq T_a \leq +177^{\circ}\text{C}$.

Variation 1.3

To confirm that the equipment covered by this certificate has been reviewed against the requirements of EN 60079-0:2012, and EN 60079-11:2012 in respect of the differences from EN 50014:1997 + Amds 1 & 2 and EN 50020:2002 and that none of these differences, other than the marking, affect this equipment.

The marking is now: Ex II 1 G Ex ia IIC T3 Ga ($-40^{\circ}\text{C} \leq T_a \leq +177^{\circ}\text{C}$)

16 Report Number

GB/BAS/ExTR11.0237/00

17 Specific Conditions of Use

None

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
10000-AGENCY	1 & 2	A	05.22.03	Assy, Proximity Probes

This drawing is common to Baseefa11ATEX0139X, IECEx BAS 11.0065 & IECEx BAS 11.0066X and held with IECEx BAS 11.0065.

The following pages are the prior revisions of this certificate.



1 **EC - TYPE EXAMINATION CERTIFICATE**

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

3 EC - Type Examination Certificate Number: **Baseefa03ATEX0204**

4 Equipment or Protective System: **SERIES 10,000 PROBE**

5 Manufacturer: **METRIX INSTRUMENT CO.**

6 Address: **1711 Townhurst Drive, Houston, Texas 77043, USA**

7 This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Baseefa (2001) Ltd. Notified body number 1180, in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems 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. **02(C)0535**

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

EN 50014:1997 + Amendments 1 & 2 EN 50020:2002 EN 50284:1999

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 equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

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

12 The marking of the equipment or protective system shall include the following :

⊕ II 1 G EEx ia IIC T3 (-34°C ≤ Ta ≤ +177°C)

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

Baseefa (2001) Ltd. Customer Reference No. **0708**

Project File No. **02/0535**

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa (2001) Ltd.

Health and Safety Laboratory Site, Harpur Hill,
Buxton, Derbyshire SK17 9JN

Telephone +44 (0) 1298 28255 Fax +44 (0) 1298 28216

e-mail info@baseefa2001.biz web site www.baseefa2001.biz

Registered in England No. 4305578 at 13 Dovedale Crescent, Buxton,
Derbyshire, SK17 9BJ

R S SINCLAIR

DIRECTOR

On behalf of

Baseefa (2001) Ltd.

METRIX DOC No: 1163674
REV: A



13

Schedule

14

Certificate Number Baseefa03ATEX0204

15 Description of Equipment or Protective System

The Series 10,000 Probe consists of a coil wound on to a plastic mandrill and inserted into one end of an externally threaded, stainless steel cylindrical body. The coil varies in diameter from 5mm to 10mm depending on the version and any version has a maximum inductance of 200 μ H.

An integral coaxial cable is connected to the coil, through the opposite end of the cylindrical body, and is terminated with a coaxial connector for mating with the Probe Driver.

An extension cable Type 7402 may be fitted between the Probe and the Probe Driver (Baseefa03ATEX0205X). The maximum length of the integral cable and extension cable is 9m and the cables may be provided with armoured protection.

Input parameters

U_i = 28V
 I_i = 138mA
 L_i = 200 μ H
 C_i = <1nF

16 Report Number

03(C)0535

17 Special Conditions for Safe Use

None

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	Sheet	Issue	Date	Description
7402	1	K	05-22-03	Assembly, Extension Cable 7402
7402-LG-01	1	A	04-19-94	Extension Cable 7402 Parts List
7402-XXX	1	E	06-20-88	Extension Cable 7402 Sub-Assembly Parts List
8141-003	1	B	05-22-03	Label for Probe Cable
10,000	1 to 3	Original	05-22-03	Assembly, Proximity Probes
10001-A-B-LG-002	1	J	01-23-86	Probe Assembly Parts List. Non-Armoured