

1 **SUPPLEMENTARY EU - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU**

3 Supplementary EU - Type **Baseefa12ATEX0226X/1**
Examination Certificate 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: **30mm Range of Sensors**

5 Manufacturer: **Synatel Instrumentation Limited**

6 Address: **Walsall Road, Norton Canes, Cannock, Staffordshire, WS11 9TB**

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa12ATEX0226X to apply to products 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 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 the product, as modified by this supplementary certificate, 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.

9 Item 9 of the original Certificate is replaced by “Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

IEC 60079-0: 2017 EN 60079-18: 2015 + A1: 2017

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

12 The marking of the equipment has changed from the original Certificate and shall include the following:

⊕ II 1G Ex ma IIC T(sec schedule) Ga
⊕ II 1D Ex ma IIC T₂₀₀ (see schedule)°C Da
Tamb -15°C to +50°C

SGS Baseefa Customer Reference No. 1057

Project File No. 14/0432

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R S SINCLAIR
TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

M POWNEY
Certification
Manager

13

Schedule

14

Certificate Number Baseefa12ATEX0226X/1

15 Description of the variation to the Product

Variation 1.1

To allow the addition of various thermal fuses.

Variation 1.2

To confirm that the 30mm Range of Sensors covered by this certificate have been reviewed against the requirements of IEC 60079-0: 2017 and EN 60079-18: 2015 + A1: 2017 in respect of the differences from EN 60079-0: 2012 and EN 60079-18: 2009, and comply with the requirements of the latest standards.

The marking changes as follows:

When fitted with 84°C (optional), 102°C & 104°C Thermal Fuses:

⊕ II 1G Ex ma IIC T4 Ga

⊕ II 1D Ex ma IIIC T₂₀₀110°C Da IP66

Tamb -15°C to +50°C

When fitted with 84°C Thermal Fuses:

⊕ II 1G Ex ma IIC T5 Ga

⊕ II 1D Ex ma IIIC T₂₀₀90°C Da IP66

16 Report Number

GB/BAS/ExTR18.0073/00

17 Specific Conditions of Use

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	Issue	Date	Description
Existing drawings:			
*A3-301234B	B	22/03/18	Description 30mm enclosure ATEX/IECEX
*A3-301266A (no change)	0	16/01/13	30mm enclosure ATEX/IECEX
*A4-301308A (no change)	0	15/08/13	30mm end cap
New drawings:			
**A4-15887A	0	21/03/18	Synatel 30mm 1GD series approval label
**A4-15888A	0	21/03/18	Braime 30mm 1GD series approval label
***A3-200887A	0	20/03/18	30mm sensor protection details 1GD (200mm)



All drawings are common to and held on IECEx BAS 12.0118X and common to Baseefa12ATEX0226X.

* These drawings are now also common to and held on EPL Gb/Db / Cat 2GD 30mm sensor to IECEx BAS 18.0025X and common to Baseefa18ATEX0032X.

** Label Drawings A4-15887A & A4-15888A replace A4-15725A & A4-15726A which are now obsolete.

*** Circuit drawing A3-200887A replaces A3-200797A which is now obsolete.