

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 Examination Certificate Number: **Baseefa11ATEX0070X/2**

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: **MONI-PT100-SENSOR**

5 This certificate is held by: **nVent Thermal Belgium NV**

6 Address: **Research Park Haasrode - Zone 2, Romeinse straat 14, B-3001 Leuven, Belgium**

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa11ATEX0070X** 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 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 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.

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.

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

EN IEC 60079-0:2018 EN 60079-7:2015 EN 60079-31:2014

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:

Ex II 2 GD Ex eb IIC T6 Gb Ta -50°C to +60°C Ex tb IIIC T85°C Db Ta -50°C to +60°C IP66

SGS Fimko Oy Customer Reference No. **5034**

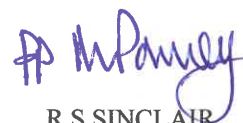
Project File No. **18/0129**

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R S SINCLAIR

Authorised Signatory for SGS Fimko Oy

M POWNEY
Certification
Manager

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Schedule

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Certificate Number Baseefa11ATEX0070X/2

15 Description of the variation to the Product

Variation 2.1

To assess and confirm that the equipment covered by this certificate has been assessed against the latest requirements of the following standards: EN IEC 60079-0:2018, EN 60079-7:2015 and EN 60079-31:2014.

Variation 2.2

To allow a name change for Type RTL 671 Temperature sensor, such that the name is as follows: MONI-PT100-SENSOR.

Variation 2.3

To clarify the description of the Product:

The type MONI-PT100-Sensor comprises a PT100 platinum resistance element contained within a 5mm diameter stainless steel bulb, joined by a variable length of 3mm diameter stainless steel sheathed mineral insulated cable to a cold junction with cable tails for connection in a suitable junction box. All the sensors are rated up to 0.15W.

The 5mm bulb of the above sensor may be replaced with a 3mm diameter bulb to form a type MONI-PT100-Sensor model V.

The sensors can be provided with two PT100 platinum resistance elements within a 6mm diameter probe to produce a duplex sensor.

The sensor is available in a short version having an additional threaded collar suitable to receive a wind shield tube to assist in the measurement of ambient temperature.

Entry into a junction box is via a suitably certified cable gland. The sensors provided ingress protection IP66 when fitted with a gland to Baseefa11ATEX0069X.

16 Report Number

SGS Baseefa certification report GB/BAS/EXTR20.0051/00.

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 affected as follows.

| Clause | Subject | Compliance |
|--------|--|---|
| 1.2.7 | LVD type requirements | Directive requires manufacturer's declaration |
| 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 |
|--------------------|--------------|--------------|-------------|-------------------------|
| RGD1102-124 | 1 of 1 | 3 | 12-08-2019 | MONI-PT100 sensor label |
| Baseefa11ATEX0062X | - | - | - | Certificate |

This drawing is common to, and held with, IECEX BAS 11.0035X.