Translation Type Examination Certificate

- Equipment intended for use in potentially explosive atmospheres Directive 2014/34/EU
- Type Examination Certificate Number: BVS 16 ATEX E 056 X
- 4 Product: Gas cooler type SCC-C

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- Manufacturer: ABB Automation GmbH
- Address: Stierstädter Straße 5, 60488 Frankfurt, Germany
- 7 This product and any acceptable variations thereof are specified in the appendix to this certificate and the documents referred to therein.
- 8 DEKRA EXAM GmbH 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 the confidential Report No. BVS/PP 16.2137 EU.
- 9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012 + A11:2013 General requirements EN 60079-15:2010 Type of Protection "n"

- 10 If the sign "X" is placed after the certificate number /it/indicates/that/the/product/is subject to the Special Conditions for Use specified in the appendix to this certificate.
- 11 This 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:

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DEKRA EXAM GmbH Bochum, 2016-08-08

Signed: Dr. Franz Eickhoff

Signed: Ute Hauke

Certifier

Approver

(DAKKS Deutsche Aktreditierungsstelle D ZT 12069-03-00 Page 1 of 3 of BVS 16 ATEX E 056 X This certificate may only be reproduced in its entirety and without any change.

13 Appendix

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14 Type Examination Certificate BVS 16 ATEX E 056 X

15 Product description15.1 Subject and type

Gas cooler type SCC-C

15.2 Description

The gas cooler type SCC-C is used for the dew point of humid sample gases in the Analysis technology to prevent condensation in analysers.

The gas cooler type SCC-C consists of a hermetically sealed cooling circuit of the type of protection nC with an electrical connection of type of protection nA.

The functional components of the control unit are also carried out in type of protection n.

15.3 Parameters

15.3.1 Electrical data

Rated voltage Rated current Rated powermax.

15.3.2 Thermal data

Ambient temperature range Maximum sampling gas input temperature /+5/°C/up to/+45 °C/ 130/°C

VA

VAC, 50-60 Hz

15.3.3 Other data

Maximum coolant operating pressure Coolant 18 bar R134a

115/230

200

4.512.5 A

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16 Report Number

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BVS PP 16.2137 EU, as of 2016-08-08

17 Special Conditions for Use

The equipment has to be installed in a protective enclosure which meets the requirements for IP54 defined in EN 60079-0 clause 26.4.

18 Essential Health and Safety Requirements

The Essential Health and Safety Requirements are covered by the standards listed under item 9.

19 Drawings and Documents

Drawings and documents are listed in the confidential report.

We confirm the correctness of the translation from the German original. In the case of arbitration only the German wording shall be valid and binding.

> DEKRA EXAM GmbH Bochum, dated 2016-08-08 BVS-Pe/Nu A 20160340

Certifier

Approver

DAkkS Akireditlerungsstelle D ZE 12069-03-00

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