

CERTIFICATE

(1) EU-Type Examination

(2) **Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number: **DEKRA 23ATEX0009X** Issue Number: **1**

(4) Product: **Air-conditioning unit ExSys Cool, series 8701**

(5) Manufacturer: **R. STAHL Schaltgeräte GmbH**

(6) Address: **Am Bahnhof 30, 74638 Waldenburg, Germany**

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

(8) DEKRA Certification B.V., Notified Body number 0344 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.

The examination and test results are recorded in confidential test report number NL/DEK/ExTR20.0070/01.

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

EN IEC 60079-0 : 2018

EN 60079-1 : 2014

EN 60079-5 : 2015

EN 60079-7 : 2015 + A1 : 2018

EN 60079-11 : 2012

EN 60079-18 : 2015 + A1 : 2017

EN 14986 : 2017

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 Annex 2 to NL/DEK/ExTR20.0070/01.

Date of certification: 21 March 2024

DEKRA Certification B.V.

R. Schuller
Certification Manager



Throughout this document, a point is used as the decimal separator.

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(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate DEKRA 23ATEX0009X** Issue No. 1

(15) **Description**

The Air-conditioning unit ExSys Cool, type 8701 is designed as a wall mount, horizontal discharge, hazardous area Zone 1 outside and Zone 1 or non-hazardous area inside air-conditioning unit for IIB and IIB+H₂ gas environments.

It is used to cool down equipment in control rooms, control panels, analyser houses, containers, etc. It is also suitable to be installed on large control panels in type of protection "e" and "p".

For details see Annex 1 and 2 to Report No. NL/DEK/ExTR20.0070/01.

Electrical data

See Annex 1 to Report No. NL/DEK/ExTR20.0070/01.

Installation instructions

The instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

NL/DEK/ExTR20.0070/01.

(17) **Specific conditions of use**

- The supply voltage of the motors shall be within ± 10 % of the nominal value.
- The connection compartment of the compressor shall not be opened, maintained or serviced in an area where an explosive atmosphere may be present.
- The flameproof joints of the flameproof enclosures in the assembly are not intended to be repaired.
- The property class of the screws of the Ex d Control box are A4-70 for M10 and A4-80 for M12 and M14
- The cable gland for the power supply is only suitable for fixed installations. The cable shall be effectively clamped to prevent pulling or twisting.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR20.0070/01.