KEMA

(1) EC-TYPE EXAMINATION CERTIFICATE

(2) Components intended for use in potentially explosive atmospheres - Directive 94/9/EC

(3) EC-Type Examination Certificate Number: **KEMA 05ATEX2123 U**

(4) Components: **Purge control system with empty pressurized enclosure Type EBP-1-A**

(5) Manufacturer: **Electromach B.V., Member of the R. STAHL Technology Group**

(6) Address: **Hamerstraat 10, 7556 MZ Hengelo, The Netherlands**

(7) These components and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) KEMA Quality B.V., notified body number 0344 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that these components have been found to comply with the Essential Health and Safety Requirements relating to the design and construction of components 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. 2021567-1.

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

EN 50014 : 1997 + A1, A2	**EN 50016 : 2002**	**EN 50018 : 2000 + A1**
EN 50019 : 2000	**EN 50020 : 2002**	**EN 50028 : 1987**

(10) The sign "U" placed after the certificate number indicates that this certificate describes components and must not be mistaken for a certificate intended for an equipment or protective system. This EC-Type Examination Certificate may be used as a basis for certification of an equipment or protective system.

(11) This EC-Type Examination Certificate relates only to the design, examination and tests of the specified components according to the Directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of these components. These are not covered by this certificate.

(12) The marking of the components shall include the following:

II 2 G EEx p dem [ia] [ib] IIC or **EEx p dem ib IIC**

Arnhem, 7 June 2005
KEMA Quality B.V.

T. Pijpker
Certification Manager

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ACCREDITED BY THE DUTCH COUNCIL FOR ACCREDITATION

PRODUCTS RvA C 001

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(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate KEMA 05ATEX2123 U**

(15) **Description**

The purge control system with empty pressurized enclosure Type EBP-1-A for fixed installation made of stainless steel or painted steel is intended for the mounting of electrical components or apparatus such as switchgear, control gear, measuring instruments and actuator instruments, and obtain a type of protection pressurized enclosure "p" with leakage compensation or continuous flow. The purge control system consists of a control unit, purge air inlet valve and outlet module. The panels can be provided with front components such as switches, pilot lights etc.

Ambient temperature range: -20 °C ... +40 °C (standard)
-30 °C ... +60 °C (optional, depends on the used components)

Installation instructions

The instructions as provided by the manufacturer shall be followed in detail to assure proper and safe operation.

The purge parameters and temperature class shall be determined during the certification for a complete apparatus.

Routine tests

None.

(16) **Report**

KEMA No. 2021567-1.

(17) **Special conditions for safe use**

None.

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

Covered by the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. 2021567-1.