

(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 01ATEX2136 U**
- (4) Components: **Breathing and draining device (bulkhead fitting) Type AR-81/01**
- (5) Manufacturer: **Artidor Explosionsafety b.v.**
- (6) Address: **Mient 16-B, 2903 LC Capelle aan den IJssel, 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. 2008860.

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

EN 50014 : 1997

EN 50018 : 2000

- (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 d IIC

Arnhem, 20 December 2001
KEMA Quality B.V.



T. Pijpker
Certification Manager

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(13)

SCHEDULE

(14)

to EC-Type Examination Certificate KEMA 01ATEX2136 U

(15) **Description**

Breathing and draining device (bulkhead fitting) Type AR-81/01, for mounting to enclosures in type of explosion protection flameproof enclosure "d".

Ambient temperature range -20 °C ... +40 °C.

Installation instructions

The device shall be installed with at least 5 threads engaged and locked against self-loosening in a suitable manner.

Routine tests

Routine tests according to Clause 16 of EN 50018 are not required since the type test has been made at a static pressure of 30 bar.

(16) **Report**

KEMA No. 2008860.

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

None.

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

Covered by the standards listed at (9).

(19) **Test documentation**

	<u>signed</u>
1. Description (3 pages), rev. 2	12.12.2001
2. Drawing No. DRW 001120, sheet 1, rev. D	12.12.2001
DRW 001120, sheet 2 to 8, rev. C	12.12.2001
DRW 001120, sheet 9 to 11, rev. D	12.12.2001
3. Samples	