

Translation

TÜV NORD



(1) **EC-Type Examination Certificate**

(2) Equipment and protective systems intended for use in potentially explosive atmospheres, **Directive 94/9/EC**

(3) **Certificate Number** TÜV 07 ATEX 553225

(4) for the equipment: Vapor Pressure Process Analyzer type RVP-4


(5) of the manufacturer: BARTEC BENKE GmbH

(6) Address: Borsigstraße 10
D-21465 Reinbek

Order number: 8000553225

Date of issue: 2007-04-26

- (7) This equipment or protective system and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) The TÜV NORD CERT GmbH, notified body No. 0044 in accordance with Article 9 of the Council Directive of the EC of March 23, 1994 (94/9/EC), certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems 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. 07 203 553225.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 1127-1:1997
- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This EC-type examination certificate relates only to the design, examination and tests of the specified equipment in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.
- (12) The marking of the equipment or protective system must include the following:

 **II 2 G IIC T4**

TÜV NORD CERT GmbH, Langemarckstraße 20, 45141 Essen, accredited by the central office of the countries for safety engineering (ZLS), Ident. Nr. 0044, legal successor of the TÜV NORD CERT GmbH & Co. KG Ident. Nr. 0032

The head of the certification body


Schwedt

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(13) **SCHEDULE**

(14) **EC-Type Examination Certificate No. TÜV 07 ATEX 553225**

(15) Description of equipment

The Vapor Pressure Process Analyzer type RVP-4 is used for determination of vapor pressure of flammable liquids.

The Vapor Pressure Process Analyzer consists of a separately certified pressurized control housing and an analysing part.

Optionally this equipment can be equipped with a housing cooling.

Type code

RVP - 4
 |
 | Device generation
 |
 | Reid Vapor Pressure

Technical data

Permissible range of ambient temperature and protective gas temperature	5 °C to 40 °C
Inlet medium temperature	up to 65 °C
Max. permissible medium pressure	18 bar
Permissible range of cooling fluid temperature	5 °C to 50 °C
Permissible range of cooling fluid pressure	2 to 7 bar
Rated voltage	110 to 240VAC ± 10% / 50/60 Hz

(16) Test documents are listed in the test report No. 07 203 553225.

(17) Special conditions for safe use

none

(18) Essential Health and Safety Requirements

no additional ones