

Translation

EC TYPE-EXAMINATION CERTIFICATE (1)

- Equipment or Protective System intended for use in potentially explosive (2)atmospheres - Directive 94/9/EC
- EC-Type Examination Certificate Number (3)

TÜV 00 ATEX 1597 X

Explosion-proof temperature measuring device type Ex-MX2 (4) Equipment:

ECOM Rolf Nied GmbH Manufacturer: (5)

Industriestraße 2 (6)Address:

D-97959 Assamstadt

- This equipment or protective system and any acceptable variation thereto is specified in the (7) schedule to this certificate and the documents therein referred to.
- The TÜV Hannover/Sachsen-Anhalt e.V., TÜV CERT-Certification Body, notified body number (8) 0032 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 Basic 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 N° 00 PX 16900.

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

EN 50 020:1994 EN 50 014:1997

- (10) If the sign "X" is placed after the certification 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 and construction of the specified equipment or protective system according to Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and placing on the market of this equipment or protective
- (12) The marking of the equipment or protective system must include the following:

II 2 G EEx ia IIC T4

TÜV Hannover/Sachsen-Anhalt e.V. TÜV CERT-Zertifizierungsstelle Am TÜV 1 D-30519 Hannover

Head of the **Certification Body**

AR CERTNORD 10.98

Hanover, 2000-07-19

(13) SCHEDULE



(14) EC-TYPE EXAMINATION CERTIFICATE N° TÜV 00 ATEX 1597 X

(15) Description of equipment or protective system

The explosion-proof temperature measuring device type Ex-MX2 is allowed to be used within the explosion-hazardous area of the Categories 2 and 3 (Zone 1 and Zone 2).

The highest permissible ambient temperature is 50°C.

Electrical data

Supply 2 pcs. alkaline-manganese mignon batteries according to

(internal battery) IEC LR6/AA resp. R6/AA, U = 3 V

Only batteries successfully type-examined according to section 10.9 of the EN 50020:1994 are permissible. The manufacturers and the types have to be indicated in the operating instructions.

- (16) Test documents are listed in the test report No. 00 PX 16900.
- (17) Special condition for safe use

It is only allowed to replace the battery outside of the hazardous area.

In the hazardous explosive area the temperature measuring device must only be used with the associated leather bag.

(18) Basic Health and Safety Requirements

no additional ones