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1. Safety Information

A safe operation meets only the requirements prescribed when the information and warnings in this instruction manual are observed under prescribed circumstances.

2. Faults and damage

If there are any reasons to believe that the safety of the unit is affected, it must be taken out of service and precautionary steps taken to avoid further unintentional use. The safety of the unit may be affected if, e.g.

- External damage of the housing is visible
- The unit hasn't been stored correctly
- The unit has suffered damage from transportation

3. Safety Regulations

The use of the intrinsically-safe Ex-DISTO memo meets only the requirements of the regulations if the user is aware of the regulations to avoid improper use of the unit.

Warning!

The Ex-Disto memo unit is only allowed to be used in the hazardous area with leather case. It must be assured that the leather case is closed completely whilst operation.

4. Additional regulations

Before usage read original instruction manual "DISTO memo" and the safety-warnings, carefully.

In comparison with the DISTO memo it is not possible to charge the Ex-DISTO memo externaly because of the Ex-restrictions.

5. Batteries

Use only the power module PM04, which is certified by the manufacturer! The use of batteries of other types is strictly forbidden!

Also, the Ex-Data must be observed.

Warning!

Batteries must only be changed outside hazardous area.

6. RS 232 Interface

The connection to the RS 232 interface is only allowed outside the hazardous area.

7. Repair

The general terms and conditions of ELEX V apply to repair work. The manufacturer must carry out the repair since the protective circuits must be checked after repair for safety reasons.

8. Guarantee

We guarantee the material- and functionality properties for a period of one year after date of delivery. Claims can be made under guarantee by sending the defective unit to us. We reserve the right to repair, recalibrate, or replace the unit.

9. Liability

ECOM accepts liability for the provisions of the guarantee. No responsibility is accepted for damage, costs, or losses arising from the use or purchase of the unit. ECOM will not be responsible for any special damages that occur or for consequential damages.

10. Ex-Data

Certification:
Certificate of Conformity:

11. Certificate of conformance



EC TYPE-EXAMINATION CERTIFICATE

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

TÜV 99 ATEX 1387 X

(4) Equipment or Protective System:

(1)

Handheld Lasermeter Type Ex-DISTO*

Protective System Manufacturer:

ECOM Rolf Nied GmbH

- Address: Industriestraße 2 D-97959 Assamstadt
- (7) This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate.
- (8) The TÜV Hannover/Sachsen-Anhalt e.V., TÜV Certification Body N° 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° 99/PX01690.

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

EN 50 014: 1997 EN 50 020: 1994

- (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 system.
- (12) The marking of the equipment or protective system must include the following:

😉 II 2 G EEx ia 11 C T4

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

6.0.TZ

Head of the Certification Body TUV

Hannover, 1999-03-19

This certificate may only be reproduced without any change, schedule included Excerpts or changes shall be allowed by the TOV Hannover/Sachsen-Anhalt e.V

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(13) SCHEDULE

(14) EC-TYPE EXAMINATION CERTIFICATE Nº TÜV 99 ATEX 1387 X

(15) Description of equipment or protective system

The Handheld Lasermeter Type Ex-DISTO* is used for the measuring of distances in explosion hazardous areas.

Electrical data

The batteries may only be replaced outside of the explosive hazardous area (sign).

- (16) Test documents are listed in the test report No. 99/PX01690.
- (17) Special condition for safe use
 - The Handheld Lasermeter may only be used with the accessory leather bag in the explosive hazardous area.
 - The connection of the RS 232-Interface may only be made outside of the explosive hazardous area.
- (18) Basic Health and Safety Requirements

no additional ones

1000 1100 11000

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12. Declaration of EC-Conformity

ECOM Rolf Nied GmbH

Erklärung der EG-Konformität Declaration of EC-Conformity Attestation de conformité CE

Wir / We / Nous

ECOM Rolf Nied GmbH Industriestraße 2 D-97959 Assamstadt

erklären in alleiniger Verantwortung daß das Produkt / declare under our sole responsibility that the product / attestons sous notre responsabilité que le produit

Ex-Disto memo

auf welche sich die Erklärung bezieht / to which this declaration relates / se référant à cêtte attestion

den Bestimmungen der folgenden Richtlinien entsprechen / is in accordance with the provision of the following directives / correspond aux dispositions des directives suivantes

89/336/EEC EG-EMV-Richtlinie

und mit folgenden Normen oder Dokumenten übereinstimmt / and is in conformity with the following standards or other normative documents / ct est conforme aux normes ou documents normatifs ei dessous

EN 55022, 1994

IEC801-2, 1991 IEC1000-4-3, 1995 IEC 801-4, 1988

ECOM Rolf Nied GmbH

Assamstadt, den 01.08.99

Rolf Nied / Geschäftsfüh