



Translation

## EC-Type Examination Certificate

(1)

(2)

**- Directive 94/9/EC -**  
**Equipment and protective systems intended for use**  
**in potentially explosive atmospheres**

(3)

**DMT 03 ATEX E 044 X**

(4)

**Equipment:** Cable entries type Skintop K-M \*\* - ATEX \*\*\* und  
type Skintop KR-M \*\* - ATEX \*\*\*

(5)

**Manufacturer:** U.I.Lapp GmbH

(6)

**Address:** D 70565 Stuttgart

(7)

The design and construction of this equipment and any acceptable variation thereto are specified in the schedule to this type examination certificate.

(8)

The certification body of Deutsche Montan Technologie GmbH, notified body no. 0158 in accordance with Article 9 of the Directive 94/9/EC of the European Parliament and the Council of 23 March 1994, certifies that this equipment 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 test and assessment report BVS PP 03.2104 EG.

(9)

The Essential Health and Safety Requirements are assured by compliance with:

EN 50014:1997+A1-A2	General requirements
EN 50019:2000	Increased safety
EN 50281-1-1:1998	Dust explosion protection

(10)


If the sign "X" is placed after the certificate number, it indicates that the equipment 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 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 shall include the following:

 **II 2G EEx e II**  
**II 1D IP 64**

**Deutsche Montan Technologie GmbH**

Essen, dated 19.05.2003

Signed: Dr. Jockers

DMT-Certification body

Signed: Dr. Eickhoff

Head of special services unit

(13)

Appendix to

(14)

## EC-Type Examination Certificate

### DMT 03 ATEX E 044 X

(15)

15.1 Subject and type

Cable entries type Skintop K-M \*\* - ATEX \*\*\* und type Skintop KR-M \*\* - ATEX \*\*\*

The \* will be replaced by digits to describe the thread dimensions and the accompanying diameter range of the cable

15.2 Description

The cable entries are designed for the installation at electrical apparatus type of protection "increased safety" (EEx e II) and serve for the installation of fixed cables. The cable entries are also intended for the use in combustible dust atmospheres.

15.3 Parameters

Permitted temperature range of the cable entries

-20 °C to + 80 °C

The ambient temperature range of electrical apparatus is normally limited to  $-20\text{ °C} \leq T_a \leq +40\text{ °C}$ . The ambient temperature range can be exceeded for the use of these cable entries as long as the permitted temperature range of  $-20\text{ °C}$  to  $+80\text{ °C}$  of the cable entries is taken into account.

(16)

Test and assessment report

BVS PP 03.2104 EG as of 19.05.2003

(17)

Special conditions for safe use

The cable entries shall only be used for fixed installations.

---

We confirm the correctness of the translation from the German original.  
In the case of arbitration only the German wording shall be valid and binding.

45307 Essen, 19.05.2003  
BVS-Ld/Kw A 20000702

**Deutsche Montan Technologie GmbH**

  
DMT-Certification body

  
Head of special services unit