



(1) EC-TYPE-EXAMINATION CERTIFICATE (Translation)

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres - **Directive 94/9/EC**



(3) EC-type-examination Certificate Number:

PTB 07 ATEX 1019

(4) Equipment: Terminal box, type EAC 00xx

(5) Manufacturer: Dräger Safety GmbH & Co. KGaA

(6) Address: Revalstraße 1, 23560 Lübeck, Deutschland

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) The Physikalisch-Technische Bundesanstalt, notified body No. 0102 in accordance with Article 9 of the Council Directive 94/9/EC 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 confidential report PTB Ex 07-16400.

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

EN 60079-0:2004 EN 60079-7:2003 EN 61241-0:2006 EN 61241-1:2004

(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 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 shall include the following:

II 2 G **Ex e II T6 or T4**
 II 2 D **Ex tD A21 IP65 T 80 °C or T 130 °C**

Zertifizierungsstelle Explosionsschutz

Braunschweig, May 11, 2007

By order:

Dr.-Ing. U. Knausmeyer
Direktor und Professor



SCHEDULE

(13)

(14) **EC-TYPE-EXAMINATION CERTIFICATE PTB 07 ATEX 1019**

(15) Description of equipment

The terminal box type EAC 00xx consists of an enclosure out of plastic material in the type of protection Increased Safety "e". It is equipped with separately certified terminals. The connection is made by separately certified cable glands and a thread M25. It is intended to be assembled to the separately certified gas sensor type IDS 011x.

Technical data

Rated voltage	up to	40 V
Rated current.....	max.	5 A
Rated cross section	max.	2,5 mm ²
Ambient temperature range	depending on temperature class	
.....		-40°C to +40°C, T6
.....		-40°C to +80°C, T4
Protection against contact, entry of solids and water.....		IP65 according to EN 60529

(16) Test report PTB Ex 07-16400

(17) Special conditions for safe use

None

(18) Essential health and safety requirements

Met by compliance with the aforementioned Standards

Zertifizierungsstelle Explosionsschutz

Braunschweig, May 11, 2007

By order:

Dr.-Ing. U. Klausmeyer
Direktor und Professor

