



(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 03 ATEX 1058

(4) Equipment: Sealing plug, type GHG 960 1924 R 0068

(5) Manufacturer: CEAG Sicherheitstechnik GmbH

(6) Address: Neuer Weg Nord 49, 69412 Eberbach, Germany

(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 03-13054.

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

EN 50014:1997 + A1 + A2

EN 50019:2000

(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:



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EEx e II

Zertifizierungsstelle Explosionsschutz

Braunschweig, Mai 16, 2003

By order:

Dr.-Ing. U. Klaus
Regierungsdirektor



(13)

SCHEDULE

(14)

EC-TYPE-EXAMINATION CERTIFICATE PTB 03 ATEX 1058

(15)

Description of equipment

The sealing plug of type GHG 9601924 R 0068 is made from polyamide and is used to close threaded holes for cable entries in enclosures designed to type of protection Increased Safety "e". It is secured in through-holes by means of counter nuts made from polyamide or metal.

Technical data

Nominal size	Suited for the following degree of mechanical risk:	Maximum operating temperature range
M63 x 1.5	High	-20 °C to +80 °C

Installed in devices with wall thickness 4 mm as a minimum

Shock protection, protection against solid bodies, and protection against ingress of water: IP 54 according to EN 60529 as a minimum

(16)

Test report PTB Ex 03-13054

(17)

Special conditions for safe use

None

Notes for manufacturing and operation

This EC type-examination certificate as well as any future supplements thereto shall at the same time be regarded as supplements for Certificate of Conformity PTB No. Ex-84/1172.

(18)

Essential health and safety requirements

met by compliance with the standards mentioned above

Zertifizierungsstelle Explosion

By order:



Dr. Ing. U. Klausmeyer
Regierungsdirektor

Braunschweig, Mai 16, 2003

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