



(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 01 ATEX 1128 X**



(4) Equipment: Drain plug, type GHG 960 1927 R...

(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 01-11265.

(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:

II 2 G EEx e II

Zertifizierungsstelle Explosionsschutz

Braunschweig, November 13, 2001

By order:

Dr.-Ing. U. Klausmeyer  
Regierungsdirektor



## SCHEDULE

(13)

(14) **EC-TYPE-EXAMINATION CERTIFICATE PTB 01 ATEX 1128 X**

(15) Description of equipment

The drain plug, type GHG 960 1927 R.... , is used for discharging condensation water from enclosures of type of protection Increased Safety "e". It shall be screwed into the enclosure wall at the lowermost point.

Technical data

Rated size ..... PG 16 or M 25 x 1.5

Suited for equipment of group II  
with the mechanical risk potential: ..... low

Local temperature range ..... -20 °C to 40 °C

(16) Test report PTB Ex 01-11265

(17) Special conditions for safe use

IP 54 protection as required in EN 60529 will be safeguarded with the drain plug properly fitted in the enclosure.

The shock test required in EN 50014, sections 23.4.3.1 and 23.4.7.7, was only carried out with the low impact energy. When fitting the drain plug, adequate protection shall be safeguarded.

This EC type-examination certificate as well as any future supplements thereto shall at the same time be regarded as supplements to Certificate of Conformity PTB No. Ex-86/1112.

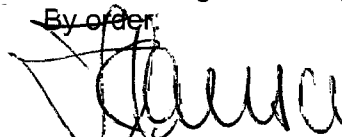
(18) Essential health and safety requirements

The tests and the favourable results these have produced reveal that the drain plug, type GHG 960 1927 R.... , meets the requirements of directive 94/9/EC as well as those of the standards quoted on the cover sheet.

Zertifizierungsstelle Explosionsschutz

Braunschweig, November 13, 2001

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