



## (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 1064**



(4) Equipment: Signal alarm, types dGW21 and dRGW21

(5) Manufacturer: FHF Funke + Huster Fernsig GmbH

(6) Address: 42551 Velbert, 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 01-10198.

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

**EN 50014:1997 + A1 + A2**

**EN 50018:1994**

**EN 50019:1994**

(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 de IIC T6**

Zertifizierungsstelle Explosionsschutz  
By order:

Braunschweig, August 23, 2001

Dipl.-Phys. U. Völkel



(13)

## SCHEDULE

(14)

### EC-TYPE-EXAMINATION CERTIFICATE PTB 01 ATEX 1063

(15) Description of equipment

The signal horn, types dGH21 and dRGH21, is used as signal transmitter in alarm, signalling, and call systems. The signal horn is designed for protection class II. It is connected to the integrated terminal box.

Electrical data

|                                |       |                     |
|--------------------------------|-------|---------------------|
| Rated insulation voltage ..... | up to | 250 V               |
| Power input .....              | max.  | 25 VA / 25 W        |
| Rated cross section *) .....   | max.  | 2.5 mm <sup>2</sup> |

(16) Test report PTB Ex 01-10197

(17) Special conditions for safe use

None

(18) Essential health and safety requirements

The tests and the favourable results these have produced reveal that the signal horn meets the requirements of directive 94/9/EC as well as those of the standards quoted on the cover sheet.

Zertifizierungsstelle Explosionsschutz

Braunschweig, August 23, 2001

By order:

Dr.-Ing. U. Klausmeyer  
Regierungsdirektor

