



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx BVS 08.0008 issue No.:0 Certificate history:

Status: Current

Date of Issue: 2008-04-11 Page 1 of 3

Applicant: FHF Funke + Huster Fernsig GmbH  
Gewerbeallee 15-19  
45478 Mülheim an der Ruhr  
Germany

Electrical Apparatus: Phone type FernTel 3 Z2  
Optional accessory:

Type of Protection: Contruction, test and Marking of Type of Protection "n" electrical apparatus

Marking: Ex nAnL IIC T5


Approved for issue on behalf of the IECEx  
Certification Body:

Dr. R. Jockers

Position:

Head of Certification Body

Signature:  
(for printed version)

  
11.04.2008

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:

DEKRA EXAM GmbH  
Dinnendahlstrasse 9  
44809 Bochum  
Germany

 **DEKRA**  
DEKRA EXAM GmbH



# IECEx Certificate of Conformity

Certificate No.: IECEx BVS 08.0008

Date of Issue: 2008-04-11

Issue No.: 0

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Manufacturer: **FHF Funke + Huster Fernsig GmbH**  
Gewerbeallee 15-19  
45478 Mülheim an der Ruhr  
Germany

**Manufacturing location(s):**

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

**STANDARDS:**

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

<b>IEC 60079-0 : 2004</b> Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
<b>IEC 60079-15 : 2005-03</b> Edition: Ed 3	Electrical apparatus for explosive gas atmospheres Part 15: Construction, test and Marking of Type of Protection "n" electrical apparatus

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

**TEST & ASSESSMENT REPORTS:**

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

Test Report:

DE/BVS/ExTR08.0010/00

Quality Assessment Report:

DE/BVS/QAR07.0004/00



# IECEX Certificate of Conformity

Certificate No.: IECEx BVS 08.0008

Date of Issue: 2008-04-11

Issue No.: 0

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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

#### Description

The Phone type FernTel 3 Z2 is used as a stationary equipment or as a tabletop unit.  
It meets the requirements for zone 2.

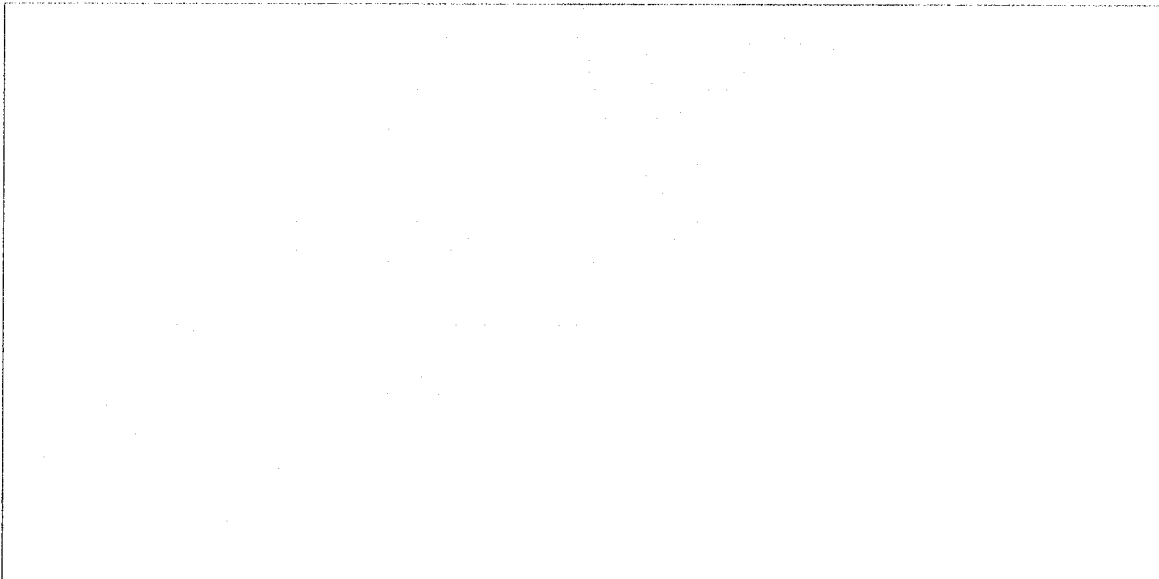
#### Marking

Ex nAnL

#### Rating

DC 66V, AC 90 V  
Ingress protection: IP 65  
Rated ambient temperature range (°C): - 20 °C...+ 55 °C

### CONDITIONS OF CERTIFICATION: NO





# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: **IECEX BVS 08.0008** issue No.: **1**

Certificate history:  
Issue No. 1 (2014-3-25)  
Issue No. 0 (2008-4-11)

Status: **Current**

Date of Issue: **2014-03-25** Page 1 of 4

Applicant: **FHF Funke + Huster Fernsig GmbH**  
Gewerbeallee 15-19  
45478 Mülheim an der Ruhr  
Germany

Electrical Apparatus: **Phone type FernTel 3 Z2**  
Optional accessory:

Type of Protection: **Equipment protection by intrinsic safety "i", Equipment protection by type of protection "n", Equipment dust ignition protection by enclosure "t"**

Marking: **Ex nA ic IIC T5 Gc**  
**Ex tc ic IIIC T80°C Dc**

Approved for issue on behalf of the IECEx  
Certification Body:

H.-Ch. Simanski

Position:

Head of Certification Body

Signature:  
(for printed version)

Date:

23.3.2014

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:

**DEKRA EXAM GmbH**  
Dinnendahlstrasse 9  
44809 Bochum  
Germany

**DEKRA**  
DEKRA EXAM GmbH



# IECEX Certificate of Conformity

Certificate No.: IECEx BVS 08.0008

Date of Issue: 2014-03-25

Issue No.: 1

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Manufacturer: **FHF Funke + Huster Fernsig GmbH**  
Gewerbeallee 15-19  
45478 Mülheim an der Ruhr  
Germany

Additional Manufacturing location  
(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

#### STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

<b>IEC 60079-0 : 2011</b> Edition: 6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-11 : 2011</b> Edition: 6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
<b>IEC 60079-15 : 2010</b> Edition: 4	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
<b>IEC 60079-31 : 2013</b> Edition: 2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

#### TEST & ASSESSMENT REPORTS:

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

Test Report:  
DE/BVS/ExTR08.0010/01

Quality Assessment Report:  
DE/BVS/QAR07.0004/07



# IECEX Certificate of Conformity

Certificate No.: IECEx BVS 08.0008

Date of Issue: 2014-03-25

Issue No.: 1

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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

#### Description

The Phone type FernTel 3 Z2 is used as a stationary equipment or as a tabletop unit.  
It meets the requirements for zone 2 and zone 22.

#### Rating

DC 66V, AC 90 V  
Ingress protection: IP 65  
Rated ambient temperature range (°C): - 20 °C...+ 55 °C

### CONDITIONS OF CERTIFICATION: NO

Empty box for conditions of certification.



# IECEx Certificate of Conformity

Certificate No.: IECEx BVS 08.0008

Date of Issue: 2014-03-25

Issue No.: 1

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## DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

- minor modification
- updating to the current standard Versions
- the until now mentioned type of protection changes from Ex nL to Ex ic
- dust is added
- the marking of the device is modified