



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

Certificate No.:	IECEx BVS 08.0009	Issue No: 1	Certificate history: Issue No. 1 (2014-03-27) Issue No. 0 (2008-04-14)
Status:	Current	Page 1 of 4	
Date of Issue:	2014-03-27		
Applicant:	FHF Funke + Huster Fernsig GmbH Gewerbeallee 15-19 45478 Mülheim an der Ruhr Germany		
Electrical Apparatus:	Phone type FernTel IP 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:

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



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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:

IEC 60079-0 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-11 : 2011 Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-15 : 2010 Edition:4	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
IEC 60079-31 : 2013 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/ExTR08.0011/01](#)

Quality Assessment Report:

[DE/BVS/QAR07.0004/07](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description

The Phone type FernTel IP Z2 is used as a stationary equipment or as a tabletop unit. Type FernTel IP Z2 is a Voice Over IP phone which is used and supplied via Ethernet interface. It meets the requirements for zone 2 and zone 22.

General product Information

Electrical data at X101

rated voltage DC 48 V

nominal voltage DC 61 V

power P_{PoE} \leq 4 W

current I_{DC_PoE} \leq 100 mA

Ingress protection: IP 65

Rated ambient temperature range(°C): - 20 °C...+ 55 °C

CONDITIONS OF CERTIFICATION: NO



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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.