


- (1) **Certificate of Conformity**
- (2) Equipment and protective Systems intended for use in potentially explosive atmospheres - Directive 94/9/EC
- (3) Number of Certificate: TÜV Saarland 08 ATEX 0002 X
- (4) Equipment: DECT Basisstation, Typ BS 4 EX, Fabr. Nr. 20070810/1
- (5) Manufacturer: Fa. Dirk Ritter
- (6) Address: Reckelsumer Str. 26, 59348 Lüdinghausen, Germany
- (7) This Equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) TÜV Saarland e.V., Notified Body No. 0034, certifies that this equipment has been found to comply 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 94/9/EC.
- (9) Compliance with the Essential Health and Safety Requirements has been assured with:
- EN 60079-0:2004 EN 60079-7:2004 EN 50028:1988**
- (10) If the sign „X“ is placed after the certificate number, it indicates the equipment is subject to special conditions for safe use, specified in the schedule to this certificate.
- (11) This Certificate relates to the Unit Verification according Annex IX.
- (12) The marking of the equipment must include the following:

 II 2G EEx m e IIC T4 X

**TÜV-Cert Body of
Product Certification**



Sulzbach, March 13th 2008

Certification Body


Dipl.-Ing. Oliver Krieger

Certificates without sign have no validity. This Certificate may only be distributed without modification.
Extractions or modifications need the approval of TÜV- Saarland TÜV- Saarland e. V., AM TÜV 1, 66280 Sulzbach

(13) **Attachment to Certificate**

(14) Certificate No.: TÜV Saarland 08 ATEX 0002

(15) Description of Equipment:

This basic- station receives and sends DECT- Radio Signals in hazardous explosive areas.

The power supply units for the station and the heater are not part of this examination and will be installed in non hazardous explosive areas. The station and the heater are encapsulated in resin. The resin is embedded in an IP- 65 stainless steel case. Between the resin block and the cap is the terminal bar made in type of protection "Increased Safety".

Technical data:

Power Supply Unit DECT-Station: 48 V, 4,5 W

Power Supply Unit Heater: 24 V, 24 W

Ambient Temperature: -20°C bis 45°

(16) Test report No. : 60408A0034

(17) Special Conditions for safe use:

The basic station must be equipped with a 100 mA ($I_p > 1500$ A) fuse outside hazardous explosive areas.

The heater must be equipped with a 1,25 A ($I_p > 1500$ A) fuse outside hazardous explosive areas.

The body must be connected with the local potential equalisation.

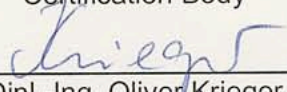
(18) Essential health and safety requirements:
Comply with above-mentioned standards.

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