



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 EPS 15.0042X Issue No: 0 Certificate history:
Issue No. 0 (2016-02-01)

Status: Current Page 1 of 3

Date of Issue: 2016-02-01

Applicant: smart-TEC GmbH & Co. KG
Kolpingring 3
82041 Oberhaching
Germany

Electrical Apparatus: smart-DOME Freestyle Ex and smart-DOME Classic Ex
Optional accessory:

Type of Protection: ia

Marking: Ex ia IIC T6 Gb
Ex ia IIIC T80°C Db

Approved for issue on behalf of the IECEx
Certification Body:

D. Zitzmann

Position:

Manager Certification

Signature:
(for printed version)

Date:

2016-02-01



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](http://www.iecex.com).

Certificate issued by:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany





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Manufacturer: smart-TEC GmbH & Co. KG
Kolpingring 3
82041 Oberhaching
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 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-11 : 2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

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/EPS/ExTR16.0003/00](#)

Quality Assessment Report:

[DE/EPS/QAR16.0001/00](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Passive RFID-Tags. Rated frequencies:

(13.37 ± 0.35) MHz or 125 kHz or 860-960 MHz

CONDITIONS OF CERTIFICATION: YES as shown below:

Maximum operating temperatur range:

-50°C to +70°C

The RFID-tags shall never be exposed to high electromagnetic field strenghts according to IEC 60079-14.

Electrostatic charges shall be avoided. The tags shall never be used next to strong charge generating processes.