

(1) **EU Type Examination Certificate**

(2) Equipment and protective systems intended for use in potentially explosive atmospheres –
Directive 2014/34/EU

(3) EU type examination certificate number

EPS 15 ATEX 1 1011 X

Revision 1

(4) Device: RFID tags type smart-DOME Freestyle Ex and smart-DOME Classic Ex

(5) Manufacturer: smart-TEC GmbH & Co. KG

(6) Address: Kolpingring 3
82041 Oberhaching
Germany

(7) The device type and the different permissible versions are specified in the addendum to this EU type examination certificate.

(8) Bureau Veritas Consumer Products Services Germany GmbH, notified body no. 2004 according to Article 21 of Directive 2014/34/EU of the European Parliament and the Council of 26 February 2014, certifies compliance with the fundamental health and safety requirements for the design and building of devices and protective systems intended for use in hazardous areas according to Annex II of the Directive. The results of the inspection are specified in the confidential documentation under reference number 15TH0139.

(9) The fundamental health and safety requirements are fulfilled by compliance with:

EN IEC 60079-0:2018

EN 60079-11:2012

(10) If the certificate number is followed by the "X" sign, this indicates that special conditions for the safe use of the device are specified in the addendum to this certificate.

(11) This EU type examination certificate applies only to the design and testing of the specified device according to Directive 2014/34/EU. Further requirements of this directive apply to the manufacture and placing on the market of this device. These requirements are not covered by this certificate.

(12) The device marking must contain the following specifications:



II 2G Ex ia IIC T6/T4 Gb

II2D Ex ia IIIC T80°C/T130°C Db

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Explosion Protection Certification Body

Hamburg, 2020-10-20

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H. Schaffer]

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(13) **Addendum**

(14) **EU Type Examination Certificate EPS 15 ATEX 1 1011 X**

Revision 1

(15) Description of the device:

Passive RFID tags/transponders

Electrical data:

Operating frequency: (13.37±0.35) MHz / 125 kHz / 860–960 MHz. The maximum field strengths (see special conditions and the operating instructions) must be strictly observed.

(16) Reference number: 15TH0139

(17) Special conditions:

Maximum operating temperature range:

-55 °C to +70 °C (T6/T80 °C)

-55 °C to +110 °C (T4/T130 °C)

The RFID tags must not be used in environments with high electromagnetic field strengths according to EN 60079-14:2014.

Electrostatic charging must be prevented. The device must not be used near processes that generate severe charges.

(18) Fundamental health and safety requirements:

Covered by compliance with standards.

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signature by H. Schaffer]

H. Schaffer