



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 TUN 08.0008** issue No.: 2

Status: **Current**

Date of Issue: **2018-04-17** Page 1 of 4

Applicant: **FAFNIR GmbH**
Schnackenburgallee 149 c
22525 Hamburg
Germany

Equipment: **VAPORIX-Flow**
Optional accessory:

Type of Protection: **Intrinsic safety "i"**


Marking: **Ex ia IIB T4 Ga**
Ex ia IIB T4 Ga/Gb

Approved for issue on behalf of the IECEx
Certification Body:

Christian Roder

Position: Head of the IECEx certification body

Signature:
(for printed version)


2018-04-17

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

Certificate issued by:





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Certificate No.: IECEx TUN 08.0008

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Issue No.: 2

Page 2 of 4

Manufacturer: **FAFNIR GmbH**
Schnackenburgallee 149 c
22525 Hamburg
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 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 : 2017 Edition: 7.0	Explosive atmospheres - Part 0: Equipment - General requirements
IEC 60079-11 : 2011 Edition: 6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-26 : 2014-10 Edition: 3.0	Explosive atmospheres – Part 26: Equipment with Equipment Protection Level (EPL) Ga

*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/TUN/ExTR08.0017/02](#)

Quality Assessment Report:

[DE/TUN/QAR06.0013/05](#)



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Certificate No.: IECEx TUN 08.0008

Date of Issue: 2018-04-17

Issue No.: 2

Page 3 of 4

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The transmitter type VAPORIX-Flow is an intrinsically safe apparatus and is used to measure a gas flow as part of an automatic monitoring device to check the function of the vapour recovery systems at filling stations.

Only for the connection to the associated evaluation unit type VAPORIX-Control ... according to IECEx certificate of conformity No. IECEx TUN 08.0007X.

Ambient temperature range: -40 °C ... +65 °C.

SPECIFIC CONDITIONS OF USE: NO



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Certificate No.: IECEx TUN 08.0008

Date of Issue: 2018-04-17

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Page 4 of 4

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

- Change of manufacturer address
- Consideration of latest standards
- Ex marking "Ex ia IIB T4 Ga/Gb" added
- Change of temperature class to T4