



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 11.0036X** issue No.:1

Certificate history:

Issue No. 1 (2017-12-8)

Issue No. 0 (2012-5-2)

Status: **Current**

Date of Issue: **2017-12-08** Page 1 of 4

Applicant: **Baumer Hübner GmbH**
Max-Dohrn-Str. 2+4
10589 Berlin
Germany

Equipment: **Motor earthing type EExME 12... and type EExME 12 C...**
Optional accessory:

Type of Protection: **Flameproof enclosures "d"**

Marking: **Ex db IIC T4/T5 Gb (type EExME 12...)**
Ex db IIC T4 Gb (type EExME 12 C...)

Approved for issue on behalf of the IECEx Certification Body: **Andreas Meyer**

Position: **Head of the IECEx certification body**

Signature:
(for printed version)

Date: **2017-12-08**

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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Manufacturer: **Baumer Hübner GmbH**
Max-Dohrn-Str. 2+4
10589 Berlin
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 60079-1 : 2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition: 7.0

*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/TUN/ExTR12.0014/00

DE/TUN/ExTR12.0014/01

Quality Assessment Report:

DE/TUN/QAR11.0011/00
DE/TUN/QAR11.0011/03

DE/TUN/QAR11.0011/01
DE/TUN/QAR11.0011/04

DE/TUN/QAR11.0011/02



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The motor earthing type EExME12... and type EExME12 C... is used for earthing rotating electrical machines. It consists of an enclosure in type of protection flameproof enclosures. The electrical connection will be made by mounting.

Technical data

Permitted range of ambient temperature	-55 °C to +50 °C for temperature class T5 -55 °C to +60 °C for temperature class T4
Maximum speed	8500 1/min for type EExME 12... 9500 1/min for type EExME 12 C...
Maximum current	1 A

SPECIFIC CONDITIONS OF USE: YES as shown below:

Repairs may only be carried out by the manufacturer.

The above mentioned equipment isn't marked with the permitted range of ambient temperature. It can be taken from the above technical data resp. the operating instructions.

The hexagon socket screws M4 x 12 and M4 x 10 have the property class 8.8



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

The motor earthing was supplemented by the type EExME 12...

The marking changes as follows: Ex db IIC T4 Gb resp. Ex db IIC T4/T5 Gb

Permitted range of ambient temperature: -55 °C to +50 °C for temperature class T5 for type EExME 12...

Maximum speed: 8500 1/min for type EExME 12...

The specific conditions of use have changed.