



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX EPS 22.0067X** Page 1 of 3 Certificate history:
Status: **Current** Issue No: 0
Date of Issue: 2023-12-16
Applicant: **Bürkert Werke GmbH & Co. KG**
Christian-Bürkert-Straße 13-17
74653 Ingelfingen
Germany
Equipment: **mass flow meter (MFM) type 8756**
Optional accessory:
Type of Protection: **"t" and "e" and "nC"**
Marking: **Ex ec nC IIC T5 Gc**
Ex tc IIIC T100 °C Dc

ABD-1000603089-ML-Version:--Status: RL (released | freigegeben) - printed: 21.06.2024

Approved for issue on behalf of the IECEx
Certification Body:

Position:

Signature:
(for printed version)

Date:
(for printed version)



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 www.iecex.com or use of this QR Code.



Certificate issued by:

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





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Manufacturer: **BÜRKERT SAS**
20 Rue du Giessen
67220 TRIEMBACH AU VAL
France

Manufacturing
locations: **BÜRKERT SAS**
20 Rue du Giessen
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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 equipment 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](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-15:2017](#) Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition:5.0

[IEC 60079-31:2022](#) Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
Edition:3.0

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with 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/ExTR22.0061/00](#)

Quality Assessment Report:

[DE/PTB/QAR07.0002/12](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The product type 8756 is configured as MFM (Mass Flow Meter)

The MFM measures the mass flow and the transmits the value via analogue output or fieldbus.

The device is provided with a mechanical guard as protection against damage of the connectors by impact. Furthermore the guard is used to prevent the disconnection of the connector without the use of a tool.

The Ex-version of the product is not available for control of external actuators (pump or valve).

The Ex-version of the product is not available with relay output.

MFC (Mass Flow Controller) configuration is not covered by this evaluation.

See type key for additional information (manufacturer's technical description, chapter 6).

The equipment complies with the requirements for type of protection "ec". The internal flow sensor module is hermetically sealed and complies with type of protection "nC". For dust "tc" was applied.

Electrical data:

24 V DC; 4 W

SPECIFIC CONDITIONS OF USE: YES as shown below:

Risk of electrostatic charges; refer to manufacturer's instructions.

Ambient temperature range: -10 °C ... +50 °C