



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 DEK 23.0068** Page 1 of 3 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2023-12-11
Applicant: **Anton Paar GmbH**
Anton-Paar-Strasse 20
Graz, 8054
Austria
Equipment: **Mass Flowmeter Sensor**
Optional accessory: Model AU, AB and AS series
Type of Protection: **Ex ib**
Marking: Ex ib IIC T1...T5 Gb (Model AU)
Ex ib IIB T3...T4 Gb (Models AB and AS)

Approved for issue on behalf of the IECEx
Certification Body:

R. Schuller

Position:

Certification Manager

Signature:
(for printed version)

Date:
(for printed version)

2023-12-11

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:

DEKRA Certification B.V.
Meander 1051
6825 MJ Arnhem
Netherlands





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Manufacturer: **Anton Paar GmbH**
Anton-Paar-Strasse 20
Graz, 8054
Austria

Manufacturing
locations:

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 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

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:

[NL/DEK/ExTR23.0067/00](#)

Quality Assessment Report:

[DE/TPS/QAR14.0002/06](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The Mass Flow Sensor Model AU, AB and AS series are designed for use with a Mass Flow Transmitter, for instance Model PA0K. They convert the mass flow of a fluid into an electrical signal.

The sensor contains one intrinsically safe drive coil, one or two intrinsically safe pickoff coils, and one or two intrinsically safe temperature sensors.

For type designation, thermal data and electrical data, see Annex 1 to this certificate.

SPECIFIC CONDITIONS OF USE: NO

Annex:

[228168900-Annex 1 to ExTR23.0067.00.pdf](#)