



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 SEV 10.0003X** issue No.:2

Status: **Current**

Date of Issue: **2016-07-14** Page 1 of 4

Applicant: **STS Sensor Technik Sirmach AG**
Rüthhofstrasse 8
8370 Sirmach
Switzerland

Equipment: **Pressure sensing device Type ATM...**
Optional accessory:

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

Marking: **Only versions with cable outlet (cable jacket with metal mesh) or metallic plug.**
Ex ia IIC T3 ... T6 Ga
Ex ia IIIC T145 °C Da
Ex ia I Ma

For all other versions.
Ex ia IIB T3 ... T6 Gb
Ex ia IIIC T145 °C Da
Ex ia I Mb

Approved for issue on behalf of the IECEx
Certification Body:

Martin Plüss

Position:

Manager Product Certification

Signature:
(for printed version)

Date:

2016-07-14

Certificate history:
Issue No. 2 (2016-7-14)
Issue No. 1 (2014-1-16)
Issue No. 0 (2010-7-13)



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.

Certificate issued by:





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Certificate No.: IECEx SEV 10.0003X

Date of Issue: 2016-07-14

Issue No.: 2

Page 2 of 4

Manufacturer: **STS Sensor Technik Sirmach AG**
Rütihofstrasse 8
8370 Sirmach
Switzerland

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 Edition: 6.0	Explosive atmospheres - Part 0: 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:
[CH/SEV/ExTR10.0003/02](#)

Quality Assessment Report:

[CH/SEV/QAR10.0001/03](#)



IECEx Certificate of Conformity

Certificate No.: IECEx SEV 10.0003X

Date of Issue: 2016-07-14

Issue No.: 2

Page 3 of 4

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Pressure sensing device

Type

ATM.1ST/IS, ATM.1ST/Ex, ATM.1ST/N/Ex,
ATM.ECO/IS, ATM.ECO/Ex, ATM.ECO /N/Ex

General product information:

The sensor series ATM... are pressure sensors for gasses or liquids designed according to requirements Ex ia.

Type designation ATM.xxx/ stands for both types "ATM.1ST/..." or "ATM.ECO/..."

Type ATM.xxx/Ex, Type ATM xxx/IS : Types with screwed pressure connection.

Type ATM.xxx/N/Ex: Type with cable suspended into the medium.

For more Information see Annexe to this certificate.

This certificate replaces Certificate SEV 10.0003X Issue No. 1



CONDITIONS OF CERTIFICATION: YES as shown below:

Pressure transmitters made with titanium housing must be adequately protected by appropriate measures in addition to mechanically generated impact and friction sparks.



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Certificate No.: IECEx SEV 10.0003X

Date of Issue: 2016-07-14

Issue No.: 2

Page 4 of 4

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

Additional types
Update of a standard

