



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 EPS 18.0055X

Issue No: 0

Certificate history:

Issue No. 0 (2018-09-05)

Status: **Current**

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Date of Issue: **2018-09-05**

Applicant: **Eugen Seitz AG**
Spitalstrasse 204
8623 Wetzikon
Switzerland

Equipment: **Explosion-proof solenoid coils type 2F86 ...**

Optional accessory:

Type of Protection: **mb**

Marking: **Ex mb IIC 150°C (T3) Gb**

Approved for issue on behalf of the IECEx
Certification Body:

Holger Schaffer

Position:

Certification Manager

Signature:
(for printed version)

Date:

2018-09-05



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:

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





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Manufacturer: **Eugen Seitz AG**
Spitalstrasse 204
8623 Wetzikon
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 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 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0
IEC 60079-18 : 2017 Explosive atmospheres - Part 18: Protection by encapsulation "m"
Edition:4.1

*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/EPS/ExTR18.0089/00](#)

Quality Assessment Report:

[CH/SEV/QAR14.0001/02](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Explosion-proof solenoid coil for use with solenoids functional part armature tube and valve for operation in potentially explosive atmospheres by gas, zone 1 / EPL Gb.

Ambient temperature range: -50°C to +85°C

IP protection: IP65/67

Electrical data:

24 V ... 230 V $\pm 15\%$

max. 18,4 W

SPECIFIC CONDITIONS OF USE: YES as shown below:

A fuse corresponding to the device's rating current (max. $3 \times I_N$ or, resp. I_B , according to IEC/EN 60127-2) or, respectively, a motor protective switch with short circuit and thermal rapid release (corresponding to the rating current) has to be connected in series to each solenoid coil.