



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 21.0055X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2021-12-16

Applicant: **HAFNER Pneumatika Kft.**
Püski út 3
Halászi 9228
Hungary

Equipment: **Solenoid valve MA52 3/2 NC... EXD G...“**

Optional accessory:

Type of Protection: **db, tb**

Marking: Ex db IIC T6 Gb
Ex tb IIIC T80 °C Db

Approved for issue on behalf of the IECEx
Certification Body:

Ulrich Feike

Position:

Head of Certification

Signature:
(for printed version)

Date:

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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Date of issue: 2021-12-16

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Manufacturer: **HAFNER Pneumatika Kft.**
Püski út 3
Halászi 9228
Hungary

Additional
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 60079-1:2014-06](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

[IEC 60079-31:2013](#) Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

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/ExTR21.0021/00](#)

Quality Assessment Report:

[DE/EPS/QAR21.0013/00](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The equipment is a solenoid valve with circular Ex-d connection box and completely Ex-d housed and cemented solenoid coil.

Electrical data:

MA52 3/2 NC 24DC EXD G TS

MA52 3/2 NC 110AC EXD G TS

MA52 3/2 NC 230AC EXD G TS

Ambient temperature range: $-40\text{ °C} \leq T_a \leq +50\text{ °C}$

SPECIFIC CONDITIONS OF USE: YES as shown below:

Only models with temperature fuse can be used in EPL Gb environment.