



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 DEK 11.0079X Issue No: 1 Certificate history:
Issue No. 1 (2015-09-10)
Status: Current Page 1 of 4 Issue No. 0 (2012-02-24)
Date of Issue: 2015-09-10
Applicant: DEHN + SÖHNE GmbH + Co. KG.
Hans-Dehn-Strasse 1
92318 Neumarkt / Opf.
Germany
Electrical Apparatus: Surge Suppression Device DEHNpipe, Types DPI CD EXI+D 2x48 M, DPI
CD EXI+D 2x48 N, DPI CD EXI+D 2x24 M and DPI CD EXI+D 2x24 N.
Optional accessory:
Type of Protection: Ex db
Marking: Ex db IIC T6...T5 Gb

Approved for issue on behalf of the IECEx
Certification Body:


R.H.D. Pommé

Position:

Certification Manager

Signature:
(for printed version)

Date:


2015-09-10

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:

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





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Manufacturer: **DEHN + SÖHNE GmbH + Co. KG.**
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92318 Neumarkt / Opf.
Germany

**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 Explosive atmospheres - Part 0: General requirements
Edition:6.0
IEC 60079-1 : 2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

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:

[NL/DEK/ExTR11.0089/01](#)

Quality Assessment Report

[NL/DEK/QAR12.0084/01](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Surge Suppression Device DEHNpipe, Types DPI CD EXI+D 2x48 M, DPI CD EXI+D 2x48 N, DPI CD EXI+D 2x24 M and DPI CD EXI+D 2x24 N are used for overvoltage protection.

Electrical data

Rated voltage:

Uc = 36 Vdc for types DPI CD EXI+D 2x24 M and N

Uc = 58 Vdc for types DPI CD EXI+D 2x48 M and N

CONDITIONS OF CERTIFICATION: YES as shown below:

Ambient temperature range:

-50 °C to +70 °C for T6

-50 °C to +80 °C for T5

The flameproof joints are not intended to be repaired.



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

Issue 1:

- Assessment according to the latest edition of IEC 60079-0 : 2011 (Ed. 6) + IS01 : 2013 and IEC 60079-1 : 2014 (Ed. 7).