CERTIFICATE

(1) EU-Type Examination

(2) **Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number: **KEMA 04ATEX2190 X** Issue Number: **6**

(4) Product: **Surge suppression device, types**
DEHNpipe DPI CD EXD 24 M
DEHNpipe DPI CD EXD 24 N
DEHNpipe DPI CD HF EXD 5M

(5) Manufacturer: **DEHN SE**

(6) Address: **Hans-Dehn-Strasse 1, 92318 Neumarkt, Germany**

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification B.V., Notified Body number 0344 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential test report number NL/KEM/ExTR09.0066/03.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0 : 2018 **EN 60079-1 : 2014**

except in respect of those requirements listed at item 18 of the Schedule.

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the product shall include the following:

II 2 G Ex db IIC T6…T5 Gb

Date of certification: 9 December 2022

DEKRA Certification B.V.

L.G. van Schie
Certification Manager

PRODUCTS RvA C 001

© Integral publication of this certificate and adjoining reports is allowed. This Certificate may only be reproduced in its entirety and without any change.

DEKRA Certification B.V. Meander 1051, 6825 MJ Arnhem P.O. Box 5185, 6802 ED Arnhem The Netherlands
T +31 88 96 83000 F +31 88 96 83100 www.dekra-product-safety.com Registered Arnhem 09085396

(13) # SCHEDULE

(14) **to EU-Type Examination Certificate KEMA 04ATEX2190 X** Issue No. **6**

(15) **Description**

Surge suppression devices, type DEHNpipe DPI CD EXD 24 M, type DEHNpipe DPI CD EXD 24 N and type DEHNpipe DPI CD HF EXD 5 M, are used for overvoltage protection.

The device is suitable for connection to an Ex d enclosure with a reference pressure of max. 4 MPa.

Ambient temperature ranges -50 °C to +70 °C for temperature class T6
-50 °C to +80 °C for temperature class T5

Electrical data

U_c = 32 V DC DEHNpipe DPI CD EXD 24 M and 24 N
U_c = 6 V DC DEHNpipe DPI CD HF EXD 5 M

Installation instructions

The instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

NL/KEM/ExTR09.0066/03.

(17) **Specific conditions of use**

The surge suppression device is to be connected in an appropriate way, e.g. to a certified Ex e or Ex d enclosure.

The ambient temperature range of the equipment is as indicated above, see (15).

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/KEM/ExTR09.0066/03.

(20) **Certificate history**

Issue 1 - 207352000	Initial certificate.
Issue 2 - 212574800	Update to latest editions of the standard. Addition of a new type surge voltage protection unit.
Issue 3 - 212890700	Extension of the ambient temperature range.
Issue 4 - 216033800	Update to latest editions of the standard.
Issue 5 - 222789700	Update to EN 60079-1 : 2014.
Issue 6 - 225276300-02	Assessment against latest edition of EN IEC 60079-0 and change of manufacturer's name.