



(1) **Supplementary EU - Type Examination Certificate No.16**

(2) **Component Intended for use on/in an Equipment or Protective System
Intended for use in Potentially Explosive Atmospheres
(Directive 2014/34/EU)**

(3) EU - Type Examination Certificate number:

FTZÚ 03 ATEX 0074U

(4) Product: **Connection head type XD-A**,XD-A**win series
Field transmitter housing XD-A**F... series**

(5) Manufacturer: **Limatherm Components Sp. z o.o.**

(6) Address: **ul. Żelazna 5, 41-506 Chorzów, Poland**

(7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 03 ATEX 0074U to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

(8) The Physical-Technical Testing Institute, Notified Body number 1026, in accordance with Articles 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014, certifies that this product, as modified by this supplementary certificate, 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.


(9) In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20.04.2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20.04.2016.

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

EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-31:2014

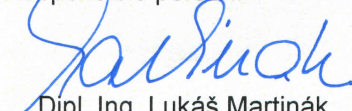
The sign „U“ is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

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

 **II 2G Ex db IIC Gb
II 2D Ex tb IIIC Db**

(12) This certificate is valid till: **31.01.2026**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 01.02.2021

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Physical-Technical Testing Institute
Ostrava - Radvanice

Schedule

(13)

(14) **Supplementary EU - Type Examination Certificate No. 16
to FTZÚ 03 ATEX 0074U**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Modification of certified apparatus.
- Evaluation according to the newest standards.
- Prolongation of certificate validity.

This supplementary certificate describes using for all variants an optional alloy (EN AC-46000) of flameproof enclosure which was used only for variant XD-AD-AK93 and adding an optional grounding type for all versions (only preparing for external and internal grounding clamp). The "Schedule of Limitations" were modified.

Design of empty flameproof enclosure is unchanged.

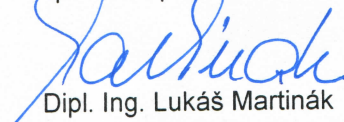
The Connection head type XD-A**, XD-A**win series and Field transmitter housing XD-A**F... series are verified according to standards EN IEC 60079-0:2018; EN 60079-1:2014 and EN 60079-31:2014.

(16) Report Number: 03/0074/16

(17) Schedule of Limitations:

1. Maximum number of the holes, their sizes and position are specified in Application manual N-L2236 dated 28.01.2021.
2. It is not allowed to install circuit breaker or contactors with oil filling and rotating apparatus producing turbulence inside of the enclosure.
3. For information on the dimensions of the flameproof joints the manufacturer shall be contacted.
4. The empty enclosure is applicable for electrical apparatus, designed for ambient temperature not exceeding following range:
 - a) the connection head: -50°C to +150°C – without window, -50°C to +85°C – with window;
 - b) the field transmitter housing: -50°C to +60°C with and without window.
5. The apparatus installed inside of the enclosure can have any layout, ensuring more than 40 % of free cross-section.
6. An appropriate certified cable glands for direct entry has to be used.
7. The process threaded joint D₁ shall be verified according to EN 60079-31, cl. 5.1.2 for final installation as equipment.
8. The component must be installed to avoid a risk from propagating brush discharges for application in explosive dust atmosphere.

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



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Physical-Technical Testing Institute
Ostrava - Radvanice

(13) **Schedule**

(14) **Supplementary EU - Type Examination Certificate No. 16
to FTZÚ 03 ATEX 0074U**

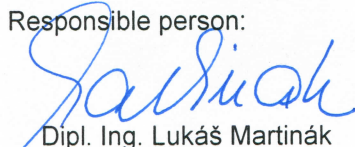
(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (10) of this supplementary certificate.

(19) Drawings and Documents:

Number	Revision	Sheets	Date	Description
N-L2236	--	24	28.01.2021	Application manual
2-Z-L1983	c	1	04.01.2021	Drawing XD-AD
2-Z-L2068	c	1	04.01.2021	Drawing XD-ADwin
2-Z-L2186	c	1	04.01.2021	Drawing XD-ADF
2-Z-L2187	c	1	04.01.2021	Drawing XD-ADFwin
2-Z-L2219	c	1	04.01.2021	Drawing XD-ADEH
2-Z-L2221	c	1	04.01.2021	Drawing XD-ADFEH
2-Z-L3105	c	1	04.01.2021	Drawing XD-ADH
2-Z-L3537	c	1	04.01.2021	Drawing XD-AH
2-Z-L3538	c	1	04.01.2021	Drawing XD-AB
2-Z-L3539	c	1	04.01.2021	Drawing XD-AHH
2-Z-L3540	c	1	04.01.2021	Drawing XD-ABH
2-Z-L3541	c	1	04.01.2021	Drawing XD-AHwin
2-Z-L3542	c	1	04.01.2021	Drawing XD-ABwin
2-Z-L3543	c	1	04.01.2021	Drawing XD-AHEH
2-Z-L3544	c	1	04.01.2021	Drawing XD-ABEH
2-Z-L3548	c	1	04.01.2021	Drawing XD-AHF
2-Z-L3549	c	1	04.01.2021	Drawing XD-ABF
2-Z-L3550	c	1	04.01.2021	Drawing XD-AHFH
2-Z-L3551	c	1	04.01.2021	Drawing XD-ABFH
2-Z-L3552	c	1	04.01.2021	Drawing XD-AHFwin
2-Z-L3553	c	1	04.01.2021	Drawing XD-ABFwin
2-Z-L3554	c	1	04.01.2021	Drawing XD-AHFEH
2-Z-L3555	c	1	04.01.2021	Drawing XD-ABFEH
2-Z-L3723	c	1	04.01.2021	Drawing XD-ADFH

Responsible person:


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Head of Certification Body



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