



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

(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 14 ATEX 0004U**

(4) Product: **Connection head type XD – SD...,XD-SH...,XD-SB...,XD-S\*\*win series  
Field transmitter housing XD-SDF..., XD-SHF...,XD-SBF...,XD-S\*\*\*Fwin series**

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

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

(7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 14 ATEX 0004U 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 60079-0:2012, EN 60079-1:2014, EN 60079-31:2014**

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

 **I M2 Ex db I Mb  
II 2G Ex db IIC Gb  
II 2D Ex tb IIIC Db**

(12) This certificate is valid till: **28.02.2022**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 27.02.2017

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Physical-Technical Testing Institute  
Ostrava - Radvanice

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(14) **Supplementary EU - Type Examination Certificate No. 1  
to FTZÚ 14 ATEX 0004U**

(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 complements the alternative using type taper threads  $Rc^{1/2}$ ,  $Rc^{3/4}$ ,  $BSPT^{1/2}$ ,  $BSPT^{3/4}$  and cylindrical threads  $G^{1/2}$ ,  $G^{3/4}$ ,  $G^{3/8}$ , and  $BSPP^{1/2}$ ,  $BSPP^{3/4}$ ,  $BSPP^{3/8}$  for only process threaded joint  $D_1$ .

The main design of enclosure is without change.

The values of maximum power dissipation for temperature class and  $T_{serv}$  ( $^{\circ}C$ ) mentioned in the main certificate were not changed.

The Connection head and Field transmitter housing are verified according to standard EN 60079-0:2012, EN 60079-1:2014 and EN 60079-31:2014.

(16) Report Number.: 14/0004/1

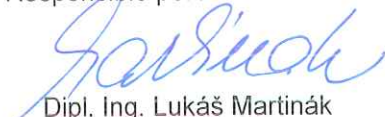
(17) Schedule of Limitations:

1. Max. number, size and position of apertures – are given in Application manual dated 05.12.2016.
2. For information on the dimensions of the flameproof joints the manufacturer shall be contacted.
3. The enclosure with Ex component certificate shall be applicated only by assumption of filling requests of the standard EN 60079-1:2014 cl. D.3.10.
4. Appropriate certify cable glands for direct entry has to be used.
5. The process threaded joint  $D_1$  shall be verified according to EN 60079-31, cl. 5.1.2 for final installation as equipment.

(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.

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



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This certificate may only be reproduced in its entirety and without any change, schedule included.



Physical-Technical Testing Institute  
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Schedule

(14) **Supplementary EU - Type Examination Certificate No. 1  
to FTZÚ 14 ATEX 0004U**

(19) Drawings and Documents:

Number	Sheet	Issue	Date	Description
--	23	-	05.12.2016	Application manual
2-Z-L3558	1/1	a	05.12.2016	XD-SDEH
2-Z-L3559	1/1	a	05.12.2016	XD-SD
2-Z-L3567	1/1	a	05.12.2016	XD-SH
2-Z-L3568	1/1	a	05.12.2016	XD-SB
2-Z-L3569	1/1	a	05.12.2016	XD-SHEH
2-Z-L3570	1/1	a	05.12.2016	XD-SBEH
2-Z-L3999	1/1	a	05.12.2016	XD-SDwin
2-Z-L4085	1/1	a	05.12.2016	XD-SHwin
2-Z-L4086	1/1	a	05.12.2016	XD-SBwin
2-Z-L3560	1/1	a	05.12.2016	XD-SDFEH
2-Z-L3561	1/1	a	05.12.2016	XD-SDF
2-Z-L3571	1/1	a	05.12.2016	XD-SHF
2-Z-L3572	1/1	a	05.12.2016	XD-SBF
2-Z-L3573	1/1	a	05.12.2016	XD-SHFEH
2-Z-L3574	1/1	a	05.12.2016	XD-SBFEH
2-Z-L4087	1/1	a	05.12.2016	SDFwin
2-Z-L4088	1/1	a	05.12.2016	XD-SHFwin
2-Z-L4089	1/1	a	05.12.2016	XD-SBFwin

Responsible person:

  
Dipl. Ing. Lukáš Martinák

Head of Certification Body



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