



(1) **Supplementary Type Examination Certificate No.3**

(2) **Equipment or Protective Systems Intended for Use  
in Potentially Explosive Atmospheres  
(Directive 2014/34/EU)**

(3) Type Examination Certificate number:

**FTZÚ 15 ATEX 0041X**

(4) Product: **Gas detector types NSx-yL II, NSx-yL II LCD, NSx-yL II LCD RE,  
NSx-PID II, NSx-PID II LCD, NSx-PID II LCD RE**

(5) Manufacturer: **DEGA CZ s.r.o.**

(6) Address: **Malešická 2850/22c, 130 00 Praha 3, Czech Republic**

(7) This supplementary certificate extends Type Examination Certificate No. FTZÚ 15 ATEX 0041X 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 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 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014.

(9) In accordance with Article 41 of Directive 2014/34/EU, 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 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 60079-7:2015+A1:2018,  
EN 60079-11:2012, EN 60079-15:2010**

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

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

**See article (15)**

(12) This certificate is valid till: **30.06.2028**

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 23.06.2023

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**Physical-Technical Testing Institute  
Ostrava - Radvanice**

(13) **Schedule**

(14) **Supplementary Type Examination Certificate No. 3  
to FTZÚ 15 ATEX 0041X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Evaluation according to the newest standard EN IEC 60079-0:2018.
- Extension of certificate validity.

Design and electrical parameters remain unchanged.

The measuring function according to Annex II paragraph 1.5.5 of the directive 2014/34/EU is not matter of this document.

The product is verified according to the newest standard EN IEC 60079-0:2018.

The marking of the product:

<b>II 3G</b>	<b>Ex db ec IIC T4 Gc</b>	- NSx-IL II
	<b>Ex db ec IIC T5 Gc</b>	- NSx-CL II
	<b>Ex ec IIC T5 Gc</b>	- NSx-EL II
	<b>Ex ec nC IIC T5 Gc</b>	- NSx-EL II LCD, NSx-EL II LCD RE
	<b>Ex db ec nC IIC T4 Gc</b>	- NSx-IL II LCD, NSx-IL II LCD RE
	<b>Ex db ec nC IIC T5 Gc</b>	- NSx-CL II LCD, NSx-CL II LCD RE
	<b>Ex ic ec nC IIC T4 Gc</b>	- NSx-PID II, NSx-PID II LCD, NSx-PID II LCD RE

(16) Report Number: 15/0041/3

(17) Specific Conditions of Use:

1. Ambient temperature range:

Detector type NSx-IL II:	from -20°C to +40°C
Detector type NSx-CL II:	from -20°C to +60°C
Detector type NSx-EL II:	from -20°C to +60°C
Detector type NSx-IL II LCD:	from 0°C to +40°C
Detector type NSx-CL II LCD:	from 0°C to +40°C
Detector type NSx-EL II LCD:	from 0°C to +40°C
Detector type NSx-IL II LCD RE:	from 0°C to +40°C
Detector type NSx-CL II LCD RE:	from 0°C to +40°C
Detector type NSx-EL II LCD RE:	from 0°C to +40°C
Detector type NSx-PID II, NSx-PID II LCD, NSx-PID II LCD RE:	from 0°C to +40°C

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



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Physical-Technical Testing Institute  
Ostrava - Radvanice

(13) **Schedule**

(14) **Supplementary Type Examination Certificate No. 3  
to FTZÚ 15 ATEX 0041X**

(17) Specific Conditions of Use: - continuation

2. Verified values of the maximum gaps and minimum constructional length of flameproof joints of this enclosure are different from relevant minimum and maximum values mentioned in standard. To obtain information about joints dimension it is necessary to contact the manufacturer.
3. Fasteners with a minimum property class A4-80 must be used for the closing of flameproof enclosure cover.
4. The detectors type NSx-yL II LCD, NSX-yL II LCD RE and NSx-PID II LCD, NSx-PID II LCD RE were submitted to resistance to impact tests corresponding to low risk of mechanical danger.
5. The equipment shall only be used in an area of at least pollution degree 2, as defined in IEC 60664-1.
6. The over voltage protection shall be provided that is set at a level not exceeding 140 % of the peak rated voltage value at the supply terminals to the 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 and standard EN IEC 60079-15:2019.

(19) Drawings and Documents:

Number	Sheets	Date	Description
--	12	12.09.2022	User Manual

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



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