



(1) **Supplementary EU - Type Examination Certificate No.2**

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

(3) EU - Type Examination Certificate number:

FTZÚ 17 ATEX 0143X

(4) Product: **Gas-Volume Conversion Device ELCOR, ELCORplus, ELCORplus-indexer
Datalogger DATCOM, DATCOMplus**

(5) Manufacturer: **ELGAS, s.r.o.**

(6) Address: **Semtínská 211, Ohrazenice, 533 53 Pardubice, Czech Republic**

(7) This supplementary certificate extends EU - Type Examination Certificate No. FTZÚ 17 ATEX 0143X 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) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018, EN 60079-11:2012

(10) 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:

Ex II 1G Ex ia IIB T4 Ga

(12) This certificate is valid till: **31.01.2025**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 28.01.2020

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Physical-Technical Testing Institute
Ostrava - Radvanice

Schedule

(13)

(14) **Supplementary EU - Type Examination Certificate No. 2
to FTZÚ 17 ATEX 0143X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Modification of certified apparatus;
- Prolongation of certificate validity.

This supplementary certificate describes the change of electric scheme of product, extends facilities and properties of product and adds next supplementary boards. These are the boards:

- Terminal board PT4W (connection four-wired temperature sensors Pt1000), this module is designed only to connection of sensors Pt1000.

Expanding the possibilities of product by connecting a digital temperature sensor EDT87 production by ELGAS.

Extends the possibility to connect to all digital inputs DIN and NAMUR sensors with its own power supply. New intrinsically safe parameters for DIN and NAMUR inputs are set.

$$U_i = 5,5 \text{ V}, I_i = 1 \text{ mA}, P_i = 1 \text{ mW}, C_i = 0, L_i = 0$$

The rest of intrinsically safe parameters and construction of apparatus remain without any changes.

(16) Report Number.: 17/0134/1

(17) Specific Conditions of Use:

None additional to those listed previously.

(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (9) of this supplementary certificate.

(19) List of Documentation:

Document/Drawings:	Type of doc	Rev	Date	Nr. of pages
KP 108	46/139	Z 100 003	01.12.2019	139
User manual	--	Rev 3	12.2019	194
List of Documentation	--	--	12.12.2019	1

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