



(1) **Supplementary EU - Type Examination Certificate No.5**

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

(3) EU - Type Examination Certificate number:

FTZÚ 06 ATEX 0010X

(4) Product: **30 Series Digital Pressure Calibrator**

(5) Manufacturer: **Crystal Engineering Corporation**

(6) Address: **708 Fiero Lane, Suite 9, San Luis Obispo, California, 93401, USA**

(7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 06 ATEX 0010X 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 60079-11:2012

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:

 **II 2G Ex ia IIC T4 Gb**

(12) This certificate is valid till: **31.12.2030**


Dipl. Ing. Lukáš Martinák
Representative of Notified Body No. 1026



Date of issue: 15.12.2025

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Physical-Technical Testing Institute
Ostrava - Radvanice

(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 5
to FTZÚ 06 ATEX 0010X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Extension of certificate validity.

The subject of this supplementary certificate is extension of certificate validity. The construction and electrical parameters of certified product remain unchanged.

There was updated current documentation.

Description of the Product (recapitulation):

The 30 Series Digital Pressure Calibrators are portable, battery powered instruments designed to measure pressure in hazardous areas. Further the instruments are able to measure loop current signals by means of two jacks placed on the front panel.

The apparatus comprises electronics circuits arranged on two printed circuit boards an LCD module and one or two pressure sensor assemblies, all housed in an aluminum alloy enclosure. The battery which must be of type listed below is housed in a separate compartment.

Intrinsically safe parameters (without changes)

Input/output parameters, front jacks:

$U_i = 30 \text{ V}$; $I_i = 100 \text{ mA}$; $P_i = 0.75 \text{ W}$; $C_i = 0$; $L_i = 0$

$U_o = 9.9 \text{ V}$; $I_o = 2.62 \text{ mA}$; $P_o = 6.5 \text{ mW}$; $C_o = 3.2 \mu\text{F}$; $L_o = 100 \mu\text{H}$

Ambient temperature: $T_a = 0 \text{ }^\circ\text{C}$ to $+50 \text{ }^\circ\text{C}$

(16) Report Number: 06/0010/5

(17) Specific Conditions of Use (recapitulation):

1. Approved Battery Types:

Duracell Alkaline 9V, MN 1604

Energizer Alkaline 9V, 522

Energizer Lithium 9V, L522

Varta Longlife Power Alkaline 9V, 4922.

2. The battery must not be replaced in hazardous location.

3. RS 232 interface must not be connected to any apparatus when using calibrator in hazardous location.

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(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
4435	L	20	2021	30 Series Operation Manual
4438	L	2	07.08.2013	LABEL, REAR, MODEL 30 SERIES


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