



Physical-Technical Testing Institute
Ostrava - Radvanice



(1) **Supplementary EU - Type Examination Certificate No. 4**

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

- (3) EU - Type Examination Certificate number:

FTZÚ 08 ATEX 0161X

- (4) Product: **Digital Pressure Meter type DMU-Dx/JB and DMU-Px/JB**
- (5) Manufacturer: **CRESSTO s.r.o.**
- (6) Address: **Hasičská 2643, 756 61 Rožnov pod Radhoštěm, Czech Republic**
- (7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 08 ATEX 0161X 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, EN 50303:2000

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.

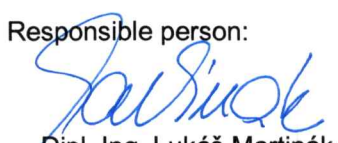
- (11) The marking of the product shall include the following:

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

 **I M1 Ex ia I Ma**

- (12) This certificate is valid till: **31.08.2029**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 30.08.2024

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

(13)

Schedule

(14)

**Supplementary EU - Type Examination Certificate No. 4
to FTZÚ 08 ATEX 0161X**

(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.

Description of product (recapitulation):

The Digital Pressure Meter type DMU-Dx (DMU-Px/JB) is a battery powered apparatus designed to measure pressure and pressure differences in hazardous area of coal mines. All electronic elements of the meter are mounted on one printed circuit board housed in a molded plastic enclosure. The battery is placed in a separated compartment. For use in coal mines where firedamp and/or combustible dust is present, the plastic enclosure is protected by a leather etui.

Technical data:

Power supply: Alkaline battery Panasonic type XTREME POWER 9 V, 6LR61

(16) Report Number: 08/0161/4

(17) Specific Conditions of Use (recapitulation):

1. The apparatus must not be removed from the protective leather etui in hazardous area.
2. It is not allowed to replace battery in hazardous area.
3. Only the above mentioned type of battery may be used

(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
03710.1415.8.04.02	--	4	08.2024	User manual (EN version)
03710.1415.1.08.04	4	1	07.08.2024	Label DMU JB - G
03710.1415.1.14.02	4	1	07.08.2024	Label DMU JB - M

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.

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