



EC-Type Examination Certificate

- (1)
(2) **Equipment or Protective Systems Intended for use
in Potentially Explosive Atmospheres
Directive 94/9/EC**

(3) EC-Type Examination Certificate Number:

FTZÚ 08 ATEX 0161X

- (4) Equipment or protective system: **Digital Pressure Meter type DMU-Dx/JB and DMU-Px/JB**
(5) Manufacturer: **CRESSTO s.r.o.**
(6) Address: **Hasičská 2643, 756 51 Rožnov pod Radhoštěm, Czech Republic**
(7) This equipment or protective system and any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
(8) The Physical Technical Testing Institute, notified body number 1026 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report N°

08/0161 dated 07.08.2008

- (9) Compliance with Essential Health and safety requirements has been assured by compliance with:
EN 60079-0 : 2006; EN 60079-11 : 2007; EN 50303 : 2000
(10) If the sign „X” is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
(11) This EC-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and testing of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
(12) The marking of the equipment or protective system shall include following:

 **I M1 Ex ia I**

This EC-Type Examination Certificate is valid till: **08. 08. 2013**

Responsible person:

Date of issue: 08.08.2008


Dipl. Ing. Sindler Jaroslav
Head of certification body




Number of pages: 2

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Physical Technical Testing Institute
Ostrava-Radvanice

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 08 ATEX 0161X**

(15) Description of Equipment or Protective System:

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 a one printed circuit board housed in a moulded plastic enclosure. The battery is placed in a separated compartment. The plastic enclosure is further protected by a leather etui.

Technical data:

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

Degree of protection: IP 4x

(16) Report No. : 08/0161

(17) Special conditions for safe use:

17.1 The apparatus must not be removed from the protective leather etui in hazardous area.

17.2 It is not allowed to replace battery in hazardous area.

17.3 Only the above mentioned type of battery may be used.

(18) Essential Health and Safety Requirements:

Essential health and safety requirement of Directive 94/9/EC are covered by standards mentioned at item 9, according which the product was verified and in the manufacturer's instruction for use.

Responsible person:

Date of issue: 08.08.2008


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(14) **EC-Type Examination Certificate N° FTZÚ 08 ATEX 0161X**

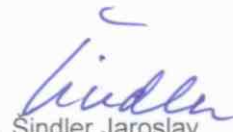
(19)

LIST OF DOCUMENTATION

<i>Documentation:</i>	<i>Date:</i>
• Instruction manual DMU/JB No. 03710.1415.8.01.02 (1 page)	29. 04.2008
• Drawings No.: 03710.1415.0.01.02 (1 page)	29.04.2008
03710.1415.2.01.02 (1 page)	29.04.2008
03710.1415.0.02.02 (1 page)	29.04.2008
03710.1415.2.02.02 (1 page)	29.04.2008
03710.1415.0.03.02 (1 page)	29.04.2008
03710.1415.2.03.02 (1 page)	29.04.2008
03710.1415.0.04.02 (1 page)	29.04.2008
03710.1415.2.04.02 (1 page)	29.04.2008
03710.1415.1.12.01 (2 pages)	20.09.2001
03710.1415.1.03.01 (8 pages)	20.09.2001
03710.1415.2.09.01 (4 pages)	29.04.2008
03710.1415.1.13.01 (1 page)	20.09.2001
03710.1415.1.09.01 (1 page)	20.09.2001
03710.1415.2.10.01 (1 page)	20.09.2001
01871.1617.1.04.01 (1 page)	29.04.2008

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