



Type Examination Certificate

(1)
(2)

Equipment Intended for use
in Potentially Explosive Atmospheres
Directive 94/9/EC

(3) Type Examination Certificate Number:

FTZÚ 11 ATEX 0262

(4) Equipment: **Linear pneumatic motor, type series PCT ***** 40 ***** or PCT ***** 41 *****
or PCT ** 91***** ** or PCT ** 92***** ****

(5) Manufacturer: **Stránský a Petržík, pneumatické válce, spol. s r.o.**

(6) Address: **544 72 Bílá Třemešná 388, 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, 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 Category 2 equipment, which is intended for use in potentially explosive atmospheres given in Annex II to the Council Directive 94/9/EC.

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

11/0262 dated February 2012

(9) Compliance with Essential Health and Safety Requirements has been assured by compliance with:

EN 13463-1:2009; EN 13463-5:2011

(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 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 M2**

 **II 2GD c T6**

This Type Examination Certificate is valid till: **28.02.2017**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 09.02.2012

Page: 1/2

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This certificate may only be reproduced in its entirety and without any change, schedule included.



Physical Technical Testing Institute
Ostrava-Radvanice

(13)

Schedule

(14) **Type Examination Certificate N° FTZÚ 11 ATEX 0267**

(15) Description of Equipment:

The pneumatic motor consists of front face, cover, piston and piston-rod, clamping bolts, sealing parts, damping parts (for version with shock absorption), shock absorbing bolts and tube. According to application the pneumatic motor is equipped with auxiliary fastening parts (e.g. yoke in piston-rod, piston socket). Between the front face and auxiliary fastening parts it is possible to install covering piston-rod dust cap with steel clips. The surface of the steel tube is protected with anticorrosive coating. The composite tube is not protected. The pneumatic motor has earthing bolt for connection of earthing cable. The front face, cover, yoke, fastening nut, piston, removable angle pieces with ring and fastening parts are zinc-plated. The piston-rod has a surface chrome treatment and machined part of piston-rod protruding from pneumatic cylinder is blacking. The steel tube has anticorrosive layer of powder coating – komaxit. The stainless steel tube, composite tube and other parts has not any further surface treatment.

$p_{max} = 1,0 \text{ MPa}$

(16) Report No. : 11/0262

11 pages

(17) Special conditions for safe use: --

(18) Essential Health and Safety Requirements:

Covered by standards mentioned in clause (9) of this certificate.

(19) LIST OF DOCUMENTATION

- Drawings No. PTC-002 ... on 23.06.2011
PTC-003 on 20.07.2011
PTC-004 on 20.07.2011
PTC-005 on 24.01.2012
- Instruction for use (regarding to explosion protection) (6 pages)

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 09.02.2012

Page: 2/2

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

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

(3) Type Examination Certificate number:

FTZÚ 11 ATEX 0262X

(4) Product: **Linear pneumatic motor, type series PCT ***** 40 *** **** or PCT ***** 41 *** ****
or PCT ** 91 ***** ** **** or PCT ** 92 ***** ** ******

(5) Manufacturer: **Stránský a Petržík, pneumatické válce, spol. s r.o.**

(6) Address: **Bílá Třemešná 388, 544 72 Bílá Třemešná, Czech Republic**

(7) This supplementary certificate extends Type Examination Certificate No. FTZÚ 11 ATEX 0262X 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:

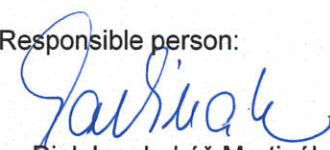
EN ISO 80079-36:2016, EN ISO 80079-37:2016

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

 **I M2 Ex h I Mb**
 **II -/2G Ex h IIC T6 -/Gb**
II -/2D Ex h IIC T85°C -/Db

(12) This certificate is valid till: **31.08.2025**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 31.08.2020

Page: 1/2

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Physical-Technical Testing Institute
Ostrava - Radvanice

(13) **Schedule**

(14) **Supplementary Type Examination Certificate No. 2
to FTZÚ 11 ATEX 0262X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Evaluation according to the newest standards,
- Prolongation of certificate validity.

Within the scope of this supplement the device was recertified according to the actual standards. There were no changes of construction or used materials applied on the device.

(16) Report Number.: 11/0262/2

(17) Specific Conditions of Use:

The product has to be installed so that the propagating of the brush discharges (electrostatic charging) on the external surface of the device is avoided.

(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	Sheets	Date	Description
PCT-003	2	15.05.2020	Drawing
PCT-005	2	15.05.2020	Drawing
PCT-004-1	1	06.05.2020	Drawing
PCT-002	1	23.06.2011	Drawing
002	1	06.05.2020	Risk analysis
05/2020	6	15.05.2020	Manual for use

Responsible person:

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Head of Certification Body



Date of issue: 31.08.2020

Page: 2/2

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