



(1) **Supplementary EU - Type Examination Certificate No.3**

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

(3) EU - Type Examination Certificate number:

FTZÚ 02 ATEX 0106X

(4) Product: **Actuating motor, type: MOKP 600 Ex 52322.xxxx**

(5) Manufacturer: **ZPA Pečky a.s.**

(6) Address: **tř. 5. května 166, 289 11 Pečky, Czech Republic**

(7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 02 ATEX 0106X 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 60079-0:2012+A11:2013, EN 60079-1:2014, EN 60079-31:2014

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

	II 2G Ex db IIC T6 Gb	-25°C ≤ Ta ≤ +55°C
	II 2G Ex db IIB T6 Gb	-50°C ≤ Ta ≤ +55°C
	II 2D Ex tb IIIC T80°C Db	-50°C ≤ Ta ≤ +55°C

(12) This certificate is valid till: **30.09.2022**

Responsible person:

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 21.09.2017

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This certificate is granted subject to the general conditions of the FTZÚ, s.p.
This certificate may only be reproduced in its entirety and without any change, schedule included.



Physical-Technical Testing Institute
Ostrava - Radvanice

(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 3
to FTZÚ 02 ATEX 0106X**

(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.

The design and technical parameters of Actuating motor type MOKP 600 Ex 52322.xxxx were not modified.

The product is recertified according to standards EN 60079-0:2012+A11:2013, EN 60079-1:2014 and EN 60079:31:2014.

(16) Report Number.: 02/0106/3

(17) Specific Conditions of Use:

1. Ambient temperature range: - see clause (11).
2. Verified values of the maximum gaps and minimum constructional length of flameproof joints of this enclosure differ from relevant minimum and maximum values mentioned in standards. To obtain information about joints dimension it is necessary to contact the manufacturer.

(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	Issue	Date	Description
--	39	--	09/2017	Instruction for use
29050246/C-b	--	10xc	24.07.2017	Assembly drawing

Responsible person:

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 21.09.2017

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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 02 ATEX 0106X

(4) Equipment or protective system: **Actuating motor, type MOK P600 EEx 52322.xxxx**

(5) Manufacturer: **ZPA Pečky a.s.**

(6) Address: **Tř. 5. května 166, 289 11 Pečky, 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°

02/0106 dated 21 June 2002

(9) Compliance with Essential Health and safety requirements has been assured by compliance with:

EN 50014:1997 +A1,A2, EN 50018:2000

(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:

 **II 2G EEx d IIC T6**

This EC-Type Examination Certificate is valid till: 30. 06. 2007

Responsible person:


Dipl. Ing. Šindler Jaroslav
Head of certification body



Date of issue: 25.06. 2002

Number of pages: 1/3

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**Physical Technical Testing Institute
Ostrava-Radvanice**

(13)

Schedule

(14) EC-Type Examination Certificate N° FTZÚ 02 ATEX 0106X

(15) Description of Equipment:

The actuating motor is single-speed motor with constant pre-set rotation speed of output part. It is intended for control of fittings. Power and control parts of actuating motor is inside of common aluminium alloy housing ($Mg < 1\%$), which forms a one flameproof enclosure (d). Alternatively, the actuating motor is equipped with local control. The switches of local control are positioned in separate compartment, which forms also flameproof enclosure. Connection of local control and power part of actuating motor is carried out by single-purpose multi-conductor bushing. The power part consists of electrical motor, spur and planetary gear and worm gear of manual control. The control part consists of signalling and positioning switch unit with position transmitter, torque switch unit and/or electronic regulator. Cable entries of external circuits in flameproof enclosure provide Ex cable glands (EEx d IIC).

Essential technical data:

Type/variants: MOK P600 EEx 52 322.	xx1x	xx2x	xx3x	xx4x	xx5x	xx6x	xx7x	xx8x	xx9x
Switch off torque [N m]	250-510	250-600	250-600	250-600	250-600	250-450	250-550	250-600	250-600
Adjustment time [s] / 90°	10	20	40	80	160	20	40	80	160
Electrical motor output [W]	180	120	60	20	20	180	90	40	40
Supply:	3 x 400 V					1 x 230 V			

(16) Report No.: 02/0106 (39 pages, 6 anexes)

(17) Special conditions for safe use: There are not defined.

The actuating motor is designed for special range of ambient temperature: $-25\text{ °C} < T_a < +55\text{ °C}$

(18) Essential Health and Safety Requirements: They are included in standards, which are mentioned in clause (9) 1 of this certificate. The product was approved in accordance with above-mentioned standards and manufacturer instruction for use.

Responsible person:

Dipl. Ing. Šindler Jaroslav
Head of certification body



Date of issue: 25.06. 2002

Number of pages: 2/3

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**Physical Technical Testing Institute
Ostrava-Radvanice**

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 02 ATEX 0106X**

(19)

LIST OF DOCUMENTATION

- Approval Drawing No.: 29050246/C 18. 12. 2000
- Annex to the approval drawing No. 52322 10. 04. 2002
- Instruction for use 25. 01. 2001
- Technical specification No. TP 32 – 01 / 00, 24 pages 25. 01. 2000
- Technical description of motor No. 52 322.xxxx 17. 05. 2000
- Drawing No. 21464503 27. 11. 2001
- Drawing No. 23464443 14. 09. 2001