



(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 Examination Certificate number:

FTZÚ 03 ATEX 0181X

(4) Product: **Actuating motor, type: MOKP 250 Ex 52321.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 03 ATEX 0181X 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) The certificate is valid till: **26.10.2022**

Responsible person:

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 26.10.2017

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Physical-Technical Testing Institute
Ostrava - Radvanice

(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 3
to FTZÚ 03 ATEX 0181X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Evaluation according to the new edition of the standards: EN 60079-0:2012+A11:2013
EN 60079-1:2014, EN 60079-31:2014.
- Prolongation of certificate validity.

Technical parameters and construction of the product remain unchanged.

(16) Report Number.: 03/0181/3

dated: 26.10.2017

(17) Specific Conditions of Use:

1. Verified values of the maximum gaps and minimum constructional length of flameproof joints of the enclosure are different from relevant minimum and maximum values mentioned in standard. To obtain information about joints dimension it is necessary to contact manufacturer.
2. Equipment must be installed to avoid a risk from propagating brush discharges for application in explosive dust atmosphere.

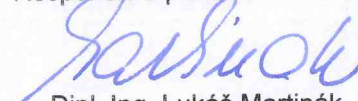
(18) Essential Health and Safety Requirements:

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	Issue	Sheets	Date	Description
MODACT MOKP 250 Ex type nr. 52321	-	39	2017	Manual
29050284/C-b	c	1	24.7.2017	Drawing

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 26.10.2017

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This certificate is granted subject to the general conditions of the FTZÚ, s.p.
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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 03 ATEX 0181X

(4) Equipment or protective system: **Electrical Actuator type MOKP 250 EEx 52321.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°

03/0181 dated 26 June 2003

(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. 06.2008**

Responsible person:

Dipl. Ing. Šindler Jaroslav

Head of certification body



Date of issue: **30. 06. 2003**

Number of pages: **1/3**

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**Physical Technical Testing Institute
Ostrava-Radvanice**

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 03 ATEX 0181X**

(15) Description of Equipment or Protective System: Electrical Actuator MOKP 250 EEx 52321 is one speed actuator with constant speed of operation of the output part. It is design for remote operating of armatures and automatic regulation. The motor and control part of Electrical Actuator is placed in one aluminium alloy enclosure (Mg < 1 %), which forms single flameproof enclosure. Alternatively the Electrical Actuator is provided with local control unit. Local control unit is positioned in separate enclosure, which is mechanically fastened to a main enclosure. Single-purpose conductor bushing connects the local control unit with power part of Electrical Actuator. Power part consists of electromotor, spur and planetary gearbox and manually operated worm drive. The control part consists of position and signalling switches with position transmitter, unit of torque switches and if relevant by electronic regulator. Input of external cable circuits into flameproof enclosure are ensured with Ex cable entries (EEx d IIC).

Basic technical data:

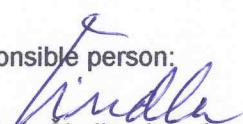
Type/variant: MOKP 250 EEx 52 321.	xx1x	xx2x	xx3x	xx4x	xx5x	xx6x	xx7x	xx8x
Supply:	1/N/PE AC 230 V (-10% +6%) 50 Hz				3/N/PE AC 400 V (-10% +6%) 50 Hz			
Switch off moment [N m]	63-125		100-250		63-200		100-250	
Time for displacement: [s] / 90°	10	20	40	80	10	20	40	80
Power of electrical motor [W]	90	90	40	40	90	90	60	20
Stupeň ochrany krytem	IP 67							

(16) Report No.: 03/0181 (38 pages, 7 supplements)

(17) Special conditions for safe use:

The Electrical Actuator is designed for ambient temperature between: $-25\text{ °C} < T_a < +50\text{ °C}$

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

Responsible person:

Dipl. Ing. Sindler Jaroslav
Head of certification body



Date of issue: 30. 06. 2003

Number of pages: 2/3

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**Physical Technical Testing Institute
Ostrava-Radvanice**

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 03 ATEX 0181X**

(19)

LIST OF DOCUMENTATION

- Drawing of approved assembly No. 29050284/C 18. 04. 2003
- Technical specification No. TP 32 – 01 / 00 +Z1, Z2, 24 pages 25. 01. 2000
- Technical description of the Electrical Actuator No. 52321.xxxx 18. 04. 2003
- Drawing No. 21464503 27. 11. 2001
- Instruction for use, 2. edition 2003

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