



(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 02 ATEX 0109X**

(4) Product: **Electrical Actuator type KP MINI EEx 52998.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 0109X 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**

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

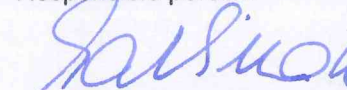


**II 2G Ex db IIC T6 Gb**

**-25°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

Page: 1/2

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 0109X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

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

Technical parameters and construction of the product remain unchanged.

(16) Report Number.: 02/0109/3 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 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	Issue	Sheets	Date	Description
29151586/C	c	1	22.09.2017	Drawing
KP MINI EEx, KP MINI CONTROL, type No. 52998	-	30	2017	Instruction for use

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 26.10.2017

Page: 2/2



Physical Technical Testing Institute  
Ostrava-Radvanice



## EC-Type Examination Certificate

- (1) **EC-Type Examination Certificate**  
(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 0109X**

- (4) Equipment or protective system: **Electric actuator, type KP MINI EEx 52998.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°

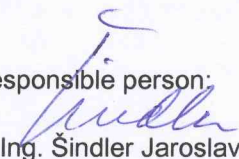
**02/0109 dated 1 August 2002**

- (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: 31. 08. 2007

Responsible person:

  
Dipl. Ing. Šindler Jaroslav  
Head of certification body



Date of issue: 02. 08. 2002

Number of pages: 1/3

This certificate is granted subject to the general conditions of the Physical Technical Testing Institute.  
This certificate may only be reproduced in its entirety and without any change, schedule included.



Physical Technical Testing Institute  
Ostrava-Radvanice

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 02 ATEX 0109X**

(15) Description of Equipment: The electric actuator KP MINI is a single speed device with constant speed of adjustment of output part. The device is intended for remote control of fittings and automatic adjustment. Electric motor, electrical accessories of the actuator and power actuator gearing are placed in common flameproof enclosure made of aluminium alloy (Mg < 1%). The enclosure consists of flanged gearing beam, where the output shaft of actuator pass through and cover, that is fastened with four bolts to the beam. The joint of these two parts form a cylindrical flameproof joint. The actuator has also manual control device. The shaft of manual control passes through cover and forms also a cylindrical flameproof joint. Cable entry for connection of electric motor and electrical accessories of the actuator there are installed Ex cable glands with type of protection EEx d IIC. The conductors are in the cable glands sealed with encapsulant. The electric motor is either single-phase motor with connected capacitor or DC. The electrical accessories of the actuator are cam switches, position sender (potentiometer), electronic regulator, heating resistor, terminals and temperature sensor of triggering type with rated switch-off temperature 70 °C. The electric actuator has internal and external protective (earthing) terminal.

Essential technical data:

Type/variant: KP MINI EEx 52 998	xx1x	xx2x	xx3x	xx4x	xx5x			
Supply:	AC 50 Hz 230V, 24 V, 110 V (-15% +10%) Un AC 60 Hz 230 V, 24 V, 110 V, 120 V (-15% +10%) Un DC 24 V							
Rated torque: [ N m ]	30 Nm							
Adjustment time: [ s ] / 90°	30	60	48	90	72	120	96	64 – 88
Supply voltage frequency: [Hz]	50	50	60	50	60	50	60	(DC)
Electric motor type:	SMR 300 /1200	SMR 300 /1200	SMR 300 /600 /800	SMR 300 /600	ITT 402.907			
Electric motor output: [ W ]	3,8	3,8	1,9	2,5	1,9	2,5		
Type of duty:	S2 10 min, S4 30%							


(16) Report No. : 02/0109 (34 pages, 5 annexes)

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

The electric actuator is designed for use in special range of ambient temperature:  
-25°C < Ta < + 55°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. Šindler Jaroslav  
Head of certification body



Date of issue: 02. 08. 2002

Number of pages: 2/3

This certificate is granted subject to the general conditions of the Physical Technical Testing Institute.  
This certificate may only be reproduced in its entirety and without any change, schedule included.



**Physical Technical Testing Institute  
Ostrava-Radvanice**

(13)

**Schedule**

(14) **EC-Type Examination Certificate N° FTZÚ 02 ATEX 0109X**

(19)

**LIST OF DOCUMENTATION**

- Approval assembly drawing No. 29151586/C 26. 02. 2002
- Annex to assembly drawing No. 29151586/C 13. 05. 2002
- Instruction for use KP MINI EEx 30 Nm 13. 05. 2002
- Technical specification No. TP 99-03 / 97, 12 pages on 30.01. 1997  
with supplement No. 4 13. 05. 2002
- Technical description of actuator No. 52 998 13. 05. 2002

