



Physical Technical Testing Institute  
Ostrava-Radvanice



## 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 0454X**

(4) Equipment or protective system: **Level meter with floater, design series K**

(5) Manufacturer: **Jiří Kroužek – EMKO**

(6) Address: **Stínadla 1043, 584 01 Ledec nad Sázavou, 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°

**02/0454 dated 05. 02. 2003**

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

**EN 50014:1997 + A1, A2; EN 50020:1994**

(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.

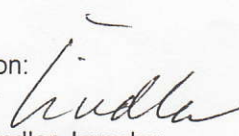
(11) This EC-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and testing of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

(12) The marking of the equipment or protective system shall include following:

 **II 2G EEx ia IIC T6**

This EC-Type Examination Certificate is valid till: **6 of February 2008**

Responsible person:

  
Dipl. Ing. Šindler Jaroslav  
Head of certification body



Date of issue: 6 of February 2003

Number of pages: 3

Page: 1/3

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**Physical Technical Testing Institute  
Ostrava-Radvanice**

(13)

**Schedule**

**(14) EC-Type Examination Certificate N° FTZÚ 02 ATEX 0454X**

(15) Description of Equipment or Protective System:

All-metal level meters with floater, design series K are intended for measurements of actual flow, eventually for measurement of flowing quantity of liquid or gassy products. They are produced in variant KP (standard) and KV (with bigger indication box). They can be fitted with limiting switches type SP 5, or actual flow sensors SP 6. In both cases the sensors can be connected only into intrinsically safe circuit of approved associated apparatus with category ia or ib..

(16) Report No. : 02/0454 (22 pages)

(17) Special conditions for safe use:

17.1 Sensors SP 6 and limiting switches SP 5 are simple apparatus in accordance with clause 5.4 of EN 50020:1995. Maximum input parameters of intrinsically safe circuit are:

$U_i = 30 \text{ V}$ ;  $I_i = 100 \text{ mA}$ ;  $L_i = 0$ ;  $C_i = 0$

17.2 Relation between ambient temperature and temperature class are given in following table:

Ambient temperature	85°C	100°C
Temperature class	T6	T5

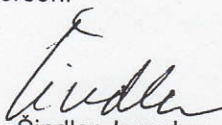
17.3 When two limiting switches SP 5 are used, the used cables to associated apparatus must comply with requirements of EN 50039:1993.

(18) Essential Health and Safety Requirements:

Covered by standards mentioned in (9).

Responsible person:

Date of issue: 6 of February 2003

  
Dipl. Ing. Šindler Jaroslav  
Head of certification body



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**Physical Technical Testing Institute  
Ostrava-Radvanice**

(13)

**Schedule**

(14) **EC-Type Examination Certificate N° FTZÚ 02 ATEX 0454X**

(19)

**LIST OF DOCUMENTATION**

- |  |                        |
|--|------------------------|
| 1. Type certificate FTZÚ 01 Ex 0130X (3 pages) | on 20.04.2001          |
| 2. Plate drawing                               | verified on 05.02.2003 |
| 3. Instruction for use                         | verified on 05.02.2003 |



(1) **Supplement No. 1 to  
Type Examination Certificate**

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

(3) Type Examination Certificate Number:

**FTZÚ 02 ATEX 0454X**

(4) Equipment or protective system: **Flow meter with floater, design series K**

(5) Manufacturer: **EMKOMETER**

(6) Address: **U Prosecké školy 94/6, 190 00 Praha 9, Czech Republic**

(7) This supplement of certificate is valid for: - modification of apparatus marking

(8) Modification of certified apparatus (protective system) and any of its approved variants are specified in documentation, list of which is mentioned in schedule of this certificate.

(9) This supplement to type examination certificate is valid only for type examination of design and construction of product sample in accordance with Annex 3 Paragraph 6) of Directive No. 94/9/EC. The Directive contains another requirements, which manufacturer shall fulfil before products are place on market or introduce in service.

(10) Safety requirements of modified parts were fulfil by satisfying of following standards: -

(11) Marking of equipment shall contain symbols:

 **II 2G EEx ia IIC T6**

(12) This type examination certificate is valid till: **06. 02. 2008**

Responsible person:

Dipl. Ing. Šindler Jaroslav  
Head of certification body



Date of issue: 21.07.2004

Number of pages: 2

Page: 1/2

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Physical Technical Testing Institute  
Ostrava-Radvanice

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Schedule

(14)

Supplement No. 1 to  
Type Examination Certificate N° FTZÚ 02 ATEX 0454X

(15) Description of Equipment or Protective System:

The name of manufactures changes.

The device remains unchanged.

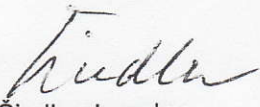
(16) Report No. : -

(17) Special conditions for safe use: remains unchanged

(18) Essential Health and Safety Requirements: remains unchanged

Responsible person:

Date of issue: 21.07.2004

  
Dipl. Ing. Sindler Jaroslav  
Head of certification body



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(1) **Supplement No. 2 to  
Type Examination Certificate**

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

(3) Type Examination Certificate Number:

**FTZÚ 02 ATEX 0454X**

(4) Equipment or protective system: **Flow meter with floater, design series K**

(5) Manufacturer: **EMKOMETER**

(6) Address: **U Prosecké školy 94/6, 190 00 Praha 9, Czech Republic**

(7) This supplement of certificate is valid for: - modification of apparatus marking  
- prolongation of certificate validity

(8) Modification of certified apparatus (protective system) and any of its approved variants are specified in documentation, list of which is mentioned in schedule of this certificate.

(9) This supplement to type examination certificate is valid only for type examination of design and construction of product sample in accordance with Annex 3 Paragraph 6) of Directive No. 94/9/EC. The Directive contains another requirements, which manufacturer shall fulfil before products are place on market or introduce in service.

(10) Safety requirements of modified parts were fulfil by satisfying of following standards:

**EN 60079-0 : 2006; EN 60079-11 : 2007**

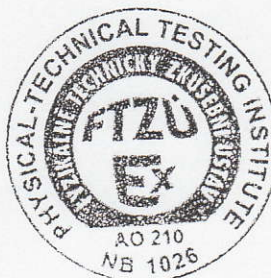
(11) Marking of equipment shall contain symbols:

 **II 2G Ex ia IIC T6**

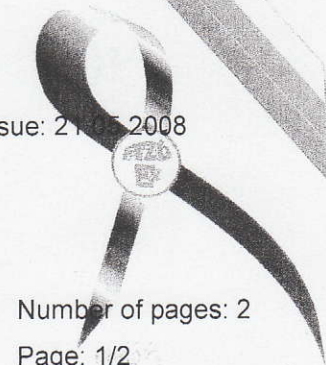
(12) This type examination certificate is valid till: **21. 05. 2013**

Responsible person:

Dipl. Ing. Šindler Jaroslav  
Head of certification body



Date of issue: 21. 5. 2008



Number of pages: 2  
Page: 1/2

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Physical Technical Testing Institute  
Ostrava-Radvanice

(13) **Schedule**

(14) **Supplement No. 2 to  
Type Examination Certificate N° FTZÚ 02 ATEX 0454X**

(15) Description of Equipment or Protective System:

The requirements for apparatus was verified according to new standard series. The construction of apparatus wasn't modified. The only change is modification of data on manufacturer plates. The original parameters remain valid.

(16) Report No. : 02/0454-2 (2 pages)

(17) Special conditions for safe use: remain unchanged

(18) Essential Health and Safety Requirements: remain unchanged

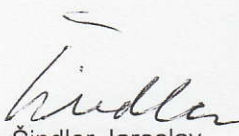
(19) List of documentation:

Drawing of label 122-51

verified 21.05.2008

Responsible person:

Date of issue: 21.05.2008

  
Dipl. Ing. Šindler Jaroslav  
Head of certification body



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Physical Technical Testing Institute  
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## Supplement No. 3 to Type Examination Certificate

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

(3) Type Examination Certificate Number:

**FTZÚ 02 ATEX 0454X**

(4) Equipment or protective system: **Flow meter with floater, design series K**

(5) Manufacturer: **EMKOMETER LEVEL s.r.o.**

(6) Address: **Pod lipami 340/52a, 130 00 Praha 3 - Žižkov, Czech Republic**

(7) This supplement of certificate is valid for: - change of the name and residence of company


(8) Modification of certified apparatus (protective system) and any of its approved variants are specified in documentation, list of which is mentioned in schedule of this certificate.

(9) This supplement to type examination certificate is valid only for type examination of design and construction of product sample in accordance with Annex 3 Paragraph 6) of Directive No. 94/9/EC. The Directive contains another requirements, which manufacturer shall fulfil before products are place on market or introduce in service.

(10) Safety requirements of modified parts were fulfil by satisfying of following standards:

**EN 60079-0 : 2006; EN 60079-11 : 2007**

(11) Marking of equipment shall contain symbols:

 **II 2G Ex ia IIC T6**

(12) This type examination certificate is valid till: **21. 05. 2013**

Responsible person:

  
Dipl. Ing. Šindler Jaroslav  
Head of certification body



Date of issue: 26.03.2009

Number of pages: 2  
Page: 1/2

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Physical Technical Testing Institute  
Ostrava-Radvanice

(13) **Schedule**

(14) **Supplement No. 3 to  
Type Examination Certificate N° FTZÚ 02 ATEX 0454X**

(15) Description of Equipment or Protective System:  
The name and residence of the company was changed.

(16) Report No.: -

(17) Special conditions for safe use: remain unchanged

(18) Essential Health and Safety Requirements: remain unchanged

(19) List of documentation:  
Abstract of the Companies Register verified 26.03.2009

Responsible person:

Date of issue: 26.03.2009

Dipl. Ing. Šindler Jaroslav  
Head of certification body



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(1) **Supplement No. 4 to  
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 0454X**

(4) Equipment or protective system: **Flowmeter with floater, design series K**

(5) Manufacturer: **EMKOMETER s.r.o.**

(6) Address: **Pod Lipami 340/52a, 130 00 Praha 3 - Žižkov, Czech Republic**

(7) This supplement of certificate is valid for: - extension of series-new models P.,PPV,RW,NM  
- prolongation of certificate validity  
- application of new standards  
- modification of marking

(8) Modification of certified apparatus (protective system) and any of its approved variants are specified in documentation, list of which is mentioned in schedule of this certificate.

(9) This supplement to type examination certificate is valid only for type examination of design and construction of product sample in accordance with Annex 3 Paragraph 6) of Directive No. 94/9/EC. The Directive contains another requirements, which manufacturer shall fulfil before products are place on market or introduce in service.

(10) Safety requirements of modified parts were fulfilled by satisfying the following standards:

**EN 60079-0:2012, EN 60079-11:2012; EN 60079-26:2007**

(11) Marking of equipment shall contain symbols:

 **II 1/2G Ex ia IIC T2-T6 Ga/Gb**

(12) This type examination certificate is valid till: **20.05.2020**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 20.05.2015

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Physical Technical Testing Institute  
Ostrava – Radvanice

(13)

Schedule

(14)

Supplement No. 4 to  
EC-Type Examination Certificate N° FTZÚ 02 ATEX 0454X

(15) Description of Equipment or Protective System:

This supplement relates to extension include a new models P., PPV, RW, NM and there are changes category of equipment from 2G to 1/2G and is extended range of temperature classes classification. They can be fitted with limiting switches type SP5 eventually by sensor SP6. In all cases the sensors can be connected only into intrinsically safe circuit with category ia.

Technical parameters input circuit remain valid.

$U_i = 30 \text{ V}$ ,  $I_i = 100 \text{ mA}$ ,  $L_i = 0$ ,  $C_i = 0$

(16) Report No.: 02/0454/4

(17) Special conditions for safe use:

17.1 Sensor SP6 and limiting switches SP5 are simple apparatus in accordance with clause 5.7 of EN 60079-2012.

17.2 Temperature limits are determined by the table

Temperature class	Ambient temperature	Max. temperature medium
T6	-40°C až 80°C	80°C
T5	-40°C až 95°C	95°C
T4	-40°C až 130°C	130°C
T3	-40°C až 130°C	195°C
T2	-40°C až 130°C	290°C

17.3 When using more than one switch to be used for cabling associated apparatus according to EN 60079-25-2011.

(18) Essential Health and Safety Requirements:

Essential health and safety requirement of Directive 94/9/EC are covered by the standards mentioned in clause (10) of this supplement according which the new model was verified and in the manufacturer's Instruction for Using.

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 20.05.2015

Page: 2/3

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Physical Technical Testing Institute  
Ostrava – Radvanice

(13)

Schedule

(14)

Supplement No. 4 to  
EC-Type Examination Certificate N° FTZÚ 02 ATEX 0454X

(19) List of Documentation:

Document name / Drawing:	Date:	Nr. of Pages:
Manual RW	02.2015	4
Manual P, PP, PPP	02.2015	7
Manual PPV	02.2015	4
Manual NM	02.2015	2
Manual K	02.2015	11
Sensor SP5, SP6	05.2015	3
PPV No. 298	05.2015	5
PP No..245	03.2014	3
K No..261	05.2015	2
NM No./A	11.2014	3
RW No..569	05.2015	1

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 20.05.2015

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(1) **Supplementary EU - Type Examination Certificate No.5**

(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 0454X**

(4) Product: **Flowmeter with floater, design series K**

(5) Manufacturer: **EMKOMETER s.r.o.**

(6) Address: **Pod Lipami 340/52a, 130 00 Praha 3 - Žižkov, Czech Republic**

(7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 02 ATEX 0454X 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 60079-11:2012, EN 50303:2000**

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

 **II 1/2G Ex ia IIC T2-T6 Ga/Gb** (all certified models)

 **I M1 Ex ia I Ma** (models RW, P, PP, PPP)

(12) This certificate is valid till: **22.11.2022**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 22.11.2017

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Physical-Technical Testing Institute  
Ostrava - Radvanice

(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 5  
to FTZÚ 02 ATEX 0454X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Extension of series - new models intended for equipment group I.
- Evaluation according to the newest standards.
- Prolongation of certificate validity.

There are a new models intended for equipment group I: models RW, P, PP and PPP. Model RW can work with a new sensor SP6/M or SP6/M-V3TM. Models P, PP and PPP can work with limiting switch type SP5. New models RW, P, PP and PPP are intended also for equipment group II.

Intrinsically safe parameters and specific conditions of use have been changed. The standard EN 60079-26 has been removed from list of standards. Approval documentation has been updated and is listed in (19).

Intrinsically safe parameters:

Products with SP5 sensor:  $U_i = 30 \text{ V}$ ,  $I_i = 100 \text{ mA}$ ,  $L_i = 0$ ,  $C_i = 0$

Products with SP6, SP6/M or SP6/M-V3M sensor:

$U_i = 30 \text{ V}$ ,  $I_i = 120 \text{ mA}$ ,  $P_i = 0.84 \text{ W}$ ,  $L_i = 10 \mu\text{H}$ ,  $C_i = 1 \text{ nF}$

Note: The parameters of SP6/M-V3M sensor are a sum of parameters on pin 1 and pin 2.

Degree of protection: IP54 (model RW, P, PP, PPP)

(16) Report Number.: 02/0454/5

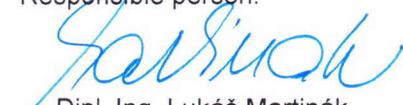
(17) Specific Conditions of Use:

1. Temperature limits are determined for equipment group II by the table

Products with SP5 sensor:

Temperature class	Ambient temperature	Max. temperature medium
T6	-40°C to 80°C	80°C
T5	-40°C to 95°C	95°C
T4	-40°C to 130°C	130°C
T3	-40°C to 130°C	195°C
T2	-40°C to 130°C	290°C

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 22.11.2017

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**Physical-Technical Testing Institute  
Ostrava - Radvanice**

(13)

**Schedule**

(14) **Supplementary EU - Type Examination Certificate No. 5  
to FTZÚ 02 ATEX 0454X**

Products with SP6 sensor:

Temperature class	Ambient temperature	Max. temperature medium
T6	-40°C to 60°C	60°C
T5	-40°C to 60°C	60°C
T4, T3, T2	-40°C to 85°C	85°C

Products with SP6/M or SP6/M-V3M sensor:

Temperature class	Ambient temperature	Max. temperature medium
T4, T3, T2	-40°C to 85°C	85°C

2. Temperature limits are determined for equipment group I by the table

Products with SP5 sensor:

Ambient temperature	Max. temperature medium
-40°C to 85°C	150°C

Products with SP6/M or SP6/M-V3M sensor:

Ambient temperature	Max. temperature medium
-40°C to 85°C	85°C

3. When using more than one switch to be used for cabling associated apparatus according to EN 60079-25:2011.

(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:	Sheet:	Date:	Description:
166	2	23.10.2017	Sensor SP5
247C	2	20.11.2017	PPP (P, PP)
777	2	19.07.2017	RW+SP6/M
777-V3TM	2	19.07.2017	RW+SP6/M-V3TM
-	9	21.11.2017	User manual

Responsible person:

*Lukáš Martinák*  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 22.11.2017

Page: 3/3

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(1) **Supplementary EU - Type Examination Certificate No.6**

(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 0454X**

(4) Product: **Flowmeter with floater, design series K**

(5) Manufacturer: **EMKOMETER s.r.o**

(6) Address: **Pod Lipami 340/52a, 130 00 Praha 3 - Žižkov, Czech Republic**

(7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 02 ATEX 0454X 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 IEC 60079-0:2018, EN 60079-11:2012, EN 50303:2000**

If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use specified in the schedule to this certificate.

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

 **II 1/2G Ex ia IIC T2-T6 Ga/Gb** (all models)

 **I M1 Ex ia I Ma** (models RW, P, PP, PPP)

(12) This certificate is valid till: **31.01.2028**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 25.01.2023

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**Physical-Technical Testing Institute  
Ostrava - Radvanice**

(13) **Schedule**

(14) **Supplementary EU - Type Examination Certificate No. 6  
to FTZÚ 02 ATEX 0454X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Change of technical parameters.
- Change of Specific Conditions of Use.
- Evaluation according to the newest standards.
- Extension of certificate validity.

There are no changes in the construction of the product. There have been changes in Ex Equipment used in this product, which demanded change of the ambient and media temperature ranges. The product has been evaluated according to the newest standards mentioned in clause (10). The validity of the certificate has been extended for the next five years. The documentation has been updated and is listed in clause (19).

Technical parameters: (updated)

Ambient temperature:  $-40\text{ °C} \leq T_a \leq$  see Specific Conditions of Use

Degree of protection: IP54 (models RW, P, PP, and PPP)

Intrinsically safe parameters:

Product with sensor SP5:  $U_i = 30\text{ V}; I_i = 100\text{ mA}; L_i = 0, C_i = 0$

Product with sensor SP6, SP6/M or SP6/M-V3M:

$U_i = 30; V; I_i = 120\text{ mA}; P_i = 0.84\text{ W}; L_i = 10\text{ }\mu\text{H}, C_i = 1\text{ nF}$

(16) Report Number: 02/0454/6


(17) Specific Conditions of Use: (updated)

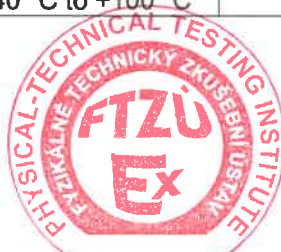
1. Temperature limits for the Group II equipment are given in following tables

Product with sensor SP5:

Temperature Class	Ambient Temperature ( $T_a$ )	Max. Measured Media Temperature ( $T_m$ )
T6	-40 °C to +80 °C	+80 °C
T5	-40 °C to +95 °C	+95 °C
T4	-40 °C to +100 °C	+130 °C
T3	-40 °C to +100 °C	+195 °C
T2	-40 °C to +100 °C	+290 °C

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 25.01.2023

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Physical-Technical Testing Institute  
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(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 6  
to FTZÚ 02 ATEX 0454X**

(17) Specific Conditions of Use: (updated) - continuation

Product with sensor SP6:

Temperature Class	Ambient Temperature ( $T_a$ )	Max. Measured Media Temperature ( $T_m$ )
T6	-40 °C to +47 °C	+60 °C
T5	-40 °C to +62 °C	+62 °C
T4	-40 °C to +85 °C	+85 °C

Product with sensor SP6/M or SP6/M-V3M:

Temperature Class	Ambient Temperature ( $T_a$ )	Max. Measured Media Temperature ( $T_m$ )
T4	-40 °C to +85 °C	+85 °C

2. Temperature limits for the Group I equipment are given in following tables

Product with sensor SP5:

Ambient Temperature ( $T_a$ )	Max. Media Temperature ( $T_m$ )
-40 °C to +85 °C	+150 °C

Product with sensor SP6/M or SP6/M-V3M:

Ambient Temperature ( $T_a$ )	Max. Media Temperature ( $T_m$ )
-40 °C to +85 °C	+85 °C

3. When more than one switch is connected, cabling to the associated apparatus shall be according to the standard EN 60079-25:2011.

(18) Essential Health and Safety Requirements:

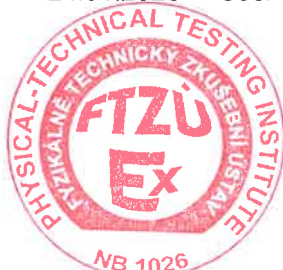
Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (10) of this supplementary certificate.

(19) Drawings and Documents:

Number:	Sheets:	Date:	Description:
7	9	24.01.2023	User manual

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 25.01.2023

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