






## EC-Type Examination Certificate

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

(3) EC-Type Examination Certificate Number:

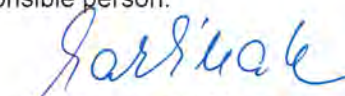
**FTZÚ 13 ATEX 0201U**

- (4) Component: **Empty enclosures, types R...; RI...; RJ...; RO...; ROI...; ROJ...; SRI...; SROI**
- (5) Manufacturer: **RIBCO s.r.l**
- (6) Address: **VIA DEI MILLE, 12-20061 – CARUGATE (MI), Italy**
- (7) This Component 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°:  
**13/0201 dated 26.02.2014**
- (9) Compliance with Essential Health and Safety Requirements has been assured by compliance with:  
**EN 60079-0:2012 EN 60079-1:2007 EN 60079-31:2009**
- (10) The sign „U” placed after the certificate number indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.
- (11) This EC-TYPE EXAMINATION CERTIFICATE relates only to design, examination and testing of the specified component in accordance to the Directive 94/9/EC. If applicable, further requirements of the Directive apply to the manufacture and supply of this component.
- (12) The marking of the component shall include the following:

 **II 2G Ex d IIC Gb**       **II 2D Ex tb IIIC Db**  
 **I M2 Ex d I Mb (stainless steel, Brass variants)**

This EC-Type Examination Certificate is valid till: **26.02.2019**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 26.02.2014

Page: 1/4

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) **EC-Type Examination Certificate N° FTZÚ 13 ATEX 0201U**

(15) Description of Component:

The empty enclosures types R...; RI...; RJ...; RO...; ROI...; ROJ...; SRI...; SROI are aluminium, brass or stainless steel enclosures with threaded cover with or without sight glass. Enclosure can be alternatively prolonged by threaded extension. Extension and cover are locked by screws with hex socket and are sealed with o-rings. Enclosure is equipped with 1 to 5 NPT or Metric threaded holes.

Routine overpressure tests are not required for types: R...; RI...; RJ...

**Technical specification:**

Degree of protection: IP66  
Service temperature: -40°C + 110°C with EPDM O-ring  
-50°C + 160°C with Silicone O-ring

**Type designation:**

(a) (b) (c) (d)

(a) – Type: R\* Aluminium enclosure without sight glass  
R\*I stainless steel enclosure without sight glass;  
R\*J brass enclosure without sight glass  
RO\* Aluminium enclosure with sight glass  
RO\*I stainless steel enclosure with sight glass;  
RO\*J brass enclosure with sight glass  
SR\*I stainless steel enclosure without sight glass, with soldered threaded hole  
SRO\*I stainless steel enclosure with sight glass, with soldered threaded hole

\* Number and position of threaded holes – A; B; C; L; D;M;T;W;X;XA

(b) – Dimension of cable entries

1 – 1/2" NPT	20 – M20x1.5
2 – 3/4" NPT	25 – M25x1.5
3 – 1" NPT	32 – M32x1.5
4 – 1.1/4" NPT	40 – M40x1.5
5 – 1.1/2" NPT	50 – M50x1.5
6 – 2" NPT	63 – M63x1.5
K – Mixed	

(c) Size of the enclosure – 4; 6; 6A; 7; 8; 9

(d) – Internal height of enclosure.

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 26.02.2014

Page: 2/4

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.

FTZÚ, s.p., Pikartská 1337/7, 716 07 Ostrava-Radvanice, Czech Republic,  
tel +420 595 223 111, fax +420 596 232 672, ftzu@ftzu.cz, www.ftzu.cz





Physical Technical Testing Institute  
Ostrava – Radvanice

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 13 ATEX 0201U**

(16) Report No.: 13/0201


(17) Schedule of Limitations:

- 17.1 Maximum numbers of holes, their size and position are given in manual No. IS-CROI-00 and IS-CRO-00.
- 17.2 A circuit breakers or contactors containing oil filling and apparatus producing turbulences are not allowed to be installed inside of the enclosure.
- 17.3 The empty enclosure can be used for electrical equipment designed for ambient temperature not exceed range from  $-40^{\circ}\text{C} + 85^{\circ}\text{C}$  (with EPDM O-ring) and  $-50^{\circ}\text{C} + 85^{\circ}\text{C}$  (with silicone O-ring).
- 17.4 Apparatus installed inside of enclosure can has any lay-out, which ensures, that in any cross-section area will be at least 40% of area free.
- 17.5 Service temperature range for sight glass is from  $-50^{\circ}\text{C}$  to  $+160^{\circ}\text{C}$ . Service temperature for EPDM O-ring is from  $-40^{\circ}\text{C}$  to  $+110^{\circ}\text{C}$  and service temperature for Silicone O-ring is from  $-50^{\circ}\text{C}$  to  $+160^{\circ}\text{C}$ .
- 17.6 Appropriate certify cable glands for direct entry has to be used.
- 17.7 Mechanical resistance for types RJ..., ROJ... matches to low risk of mechanical danger, for component group I.
- 17.8 Component must be installed to avoid a risk from propagating brush discharges.

(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.

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 26.02.2014

Page: 3/4

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.

FTZÚ, s.p., Pikartská 1337/7, 716 07 Ostrava-Radvanice, Czech Republic,  
tel +420 595 223 111, fax +420 596 232 672, ftzu@ftzu.cz, www.ftzu.cz



Physical Technical Testing Institute  
Ostrava – Radvanice

(13)


Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 13 ATEX 0201U**

(19) List of Documentation:

<i>Document No.:</i>	<i>Date:</i>
1025 Rev.0	21.08.2013
1026 Rev.0	21.08.2013
1027 Rev.0	21.08.2013
1028 Rev.0	21.08.2013
1029 Rev.0	21.08.2013
1030 Rev.0	21.08.2013
1031 Rev.0	21.08.2013
1032 Rev.0	21.08.2013
1033 Rev.0	21.08.2013
1034 Rev.0	21.08.2013
1035 Rev.0	21.03.2013
1036 Rev.0	21.08.2013
1037 Rev.0	21.08.2013
1038 Rev.0	21.08.2013
1039 Rev.0	21.08.2013
1040 Rev.0	21.08.2013
1041 Rev.0	21.08.2013
1042 Rev.0	21.08.2013
1043 Rev.0	21.08.2013
1044 Rev.0	15.03.2013
1048 Rev.0	21.08.2013
IS-CRO-00 Rev.0	21.08.2013
IS-CROI-00 Rev.0	21.08.2013

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 26.02.2014

Page: 4/4

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.

FTZÚ, s.p., Pikartská 1337/7, 716 07 Ostrava-Radvanice, Czech Republic,  
tel +420 595 223 111, fax +420 596 232 672, ftzu@ftzu.cz, www.ftzu.cz





(1) **Supplement No. 1 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 13 ATEX 0201U**

(4) Component: **Empty enclosures, types R...; RI...; RJ...; RO...; ROI...; ROJ...; SRI...;  
SROI; EMH90\***

(5) Manufacturer: **RIBCO s.r.l**

(6) Address: **VIA DEI MILLE, 12-20061 – CARUGATE (MI), Italy**

(7) This supplement of certificate is valid for: - extension of type series

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

(9) This supplement to type examination relates only to design, examination and testing of the specified component in accordance to the directive 94/9/EC. If applicable, further requirements of the Directive apply to the manufacture and supply of this component.

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

**EN 60079-0:2012, EN 60079-1:2007, EN 60079-31:2009**

(11) Marking of component shall contain symbols:

**II 2G Ex d IIC Gb**

**II 2D Ex tb IIIC Db**

**I M2 Ex d I Mb (stainless steel, Brass variants)**

(12) This type examination certificate is valid till: **26.02.2019**

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of certification body



Date of issue: 30.06.2014



Page: 1/3

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



Physical Technical Testing Institute  
Ostrava-Radvanice

(13)

Schedule

(14)

Supplement No. 1 to  
EC-Type Examination Certificate N° FTZÚ 13 ATEX 0201U

(15) Description of Component:

The object of this supplement is as follow:

Extension of empty type series enclosure by aluminium enclosure with threaded cover with sight glass type EMH90\*. Enclosure is equipped with one Metric M25x1,5 (type EMH90M) threaded entry or with one 3/4" NPT threaded entry (type EMH90N).

**Technical specification of enclosure type EMH90N:**

Degree of protection: IP66

Service temperature: -40°C ÷ 110°C with EPDM O-ring

-50°C ÷ 160°C with Silicone O-ring

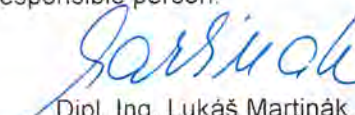
Construction and technical parameters of enclosures types R..., RI..., RJ..., RO..., ROI..., ROJ..., SRI..., SROI remain unchanged.

(16) Report No. 13/0201-1 dated 30.06.2014

(17) Schedule of limitations:

- 17.1 Maximum numbers of holes, their size and position are given in manual No. IS-CROI-00, IS-CRO-00 and IS-CEMH-00.
- 17.2 A circuit breakers or contactors containing oil filling and apparatus producing turbulences are not allowed to be installed inside of the enclosure.
- 17.3 The empty enclosure can be used for electrical equipment designed for ambient temperature not exceed range from -40°C ÷ 85°C (with EPDM O-ring) and -50°C ÷ 85°C (with silicone O-ring).
- 17.4 Apparatus installed inside of enclosure can has any lay-out, which ensures, that in any cross-section area will be at least 40% of area free.
- 17.5 Range for sight glass is from -50°C to +160°C. Service temperature for EPDM o-ring is from -40°C to +110°C and service temperature for Silicone O-ring is from -50°C to +160°C.
- 17.6 Appropriate certify cable glands for direct entry has to be used
- 17.7 Mechanical resistance for types RJ..., ROJ... matches to low risk of mechanical danger, for component group I.
- 17.8 Component must be installed to avoid a risk from propagating brush discharges.

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of certification body



Date of issue: 30.06.2014

Page: 2/3

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





Physical Technical Testing Institute  
Ostrava-Radvanice

(13)

Schedule

(14)

Supplement No. 1 to  
EC-Type Examination Certificate N° FTZÚ 13 ATEX 0201U

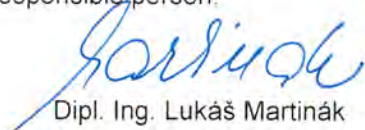
(18) Essential Health and Safety Requirements.

They are included in standards, which are mentioned in clause (10) of this supplement. The product was approved in accordance with above mentioned standards.

(19) LIST OF DOCUMENTATION

<i>Document No.:</i>	<i>Date:</i>
IS-CEMH-00 Rev.00	14.05.2014
1047 Rev0	22.01.2014
1048 Rev1	14.05.2014

Responsible person:

  
Dipl. Ing. Lukáš Martinák

Head of certification body



Date of issue: 30.06.2014

Page. 3/3

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





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

(2) **Component Intended for use on/in an Equipment or Protective System  
Intended for use in Potentially Explosive Atmospheres  
(Directive 2014/34/EU)**

(3) EU - Type Examination Certificate number:

**FTZÚ 13 ATEX 0201U**

(4) Product: **Empty enclosures, type R...; RI...; RJ...; RO...; ROI...; ROJ...; SRI...; SROI; EMH90\***

(5) Manufacturer: **RIBCO s.r.l.**

(6) Address: **VIA DEI MILLE, 12-20061 – CARUGATE (MI), Italy**

(7) This supplementary certificate extends EU - Type Examination Certificate No. FTZÚ 13 ATEX 0201U 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) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 60079-0:2012, EN 60079-1:2007, EN 60079-31:2009**

(10) The sign „U” is placed after the certificate number it indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

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

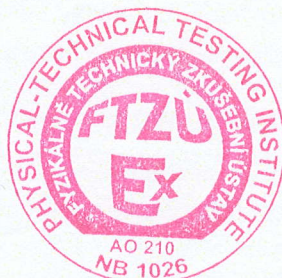
II 2G Ex d IIC Gb II 2D Ex tb IIIC Db

I M2 Ex d I Mb (stainless steel, Brass variants)

(12) This certificate is valid till: **29.11.2019**

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.05.2019

Page: 1/2





Physical-Technical Testing Institute  
Ostrava - Radvanice

(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 2  
to FTZÚ 13 ATEX 0201U**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Prolongation of certificate validity.

Technical parameters and construction of the product remain unchanged.

(16) Report Number.: 13/0201/2 dated 29.05.2019

(17) Schedule of Limitations:

Remain unchanged.

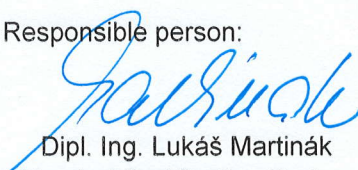
(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (9) of this supplementary certificate.

(19) Drawings and Documents:

Remain unchanged.

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.05.2019

Page: 2/2



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

(2) **Component Intended for use on/in an Equipment or Protective System  
Intended for use in Potentially Explosive Atmospheres  
(Directive 2014/34/EU)**

(3) EU - Type Examination Certificate number:

**FTZÚ 13 ATEX 0201U**

(4) Product: **Empty enclosures, type R...; RI...; RJ...; RO...; ROI...; ROJ...; SRI...; SROI...; EMH90\***

(5) Manufacturer: **RIBCO s.r.l.**

(6) Address: **VIA DEI MILLE, 12-20061 – CARUGATE (MI), Italy**

(7) This supplementary certificate extends EU - Type Examination Certificate No. FTZÚ 13 ATEX 0201U 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) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN IEC 60079-0:2018; EN 60079-1:2014; EN 60079-31:2014**

(10) The sign „U“ is placed after the certificate number it indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

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

 **II 2G Ex db IIC Gb**       **II 2D Ex tb IIIC Db**  
 **I M2 Ex db I Mb** (stainless steel, Brass variants)

(12) This certificate is valid till: **17.09.2024**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 17.09.2019

Page: 1/3





Physical-Technical Testing Institute  
Ostrava - Radvanice

(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 3  
to FTZÚ 13 ATEX 0201U**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Prolongation of certificate validity.
- Documentation updating.
- Evaluation of the product according to the new edition of the standards.
- Component Ex marking is changed from "d" to "db" according to EN 60079-1:2014.
- Schedule of limitations updating.

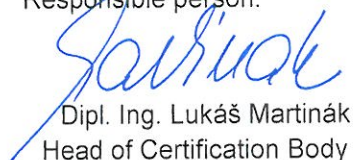
Technical parameters and construction of the product remain unchanged.

(16) Report Number.: 13/0201/3 dated 17.09.2019

(17) Schedule of Limitations:

1. Maximum numbers of holes, their size and position are given in manuals No. IS-CROI, IS-CRO and IS-CEMH.
2. A circuit breakers or contactors containing oil filling and apparatus producing turbulences are not allowed to be installed inside of the enclosure.
3. The empty enclosure can be used for electrical equipment designed for ambient temperature not exceed range:  $-40^{\circ}\text{C} + 85^{\circ}\text{C}$  (with EPDM O-ring) and  $-50^{\circ}\text{C} + 85^{\circ}\text{C}$  (with silicone O-ring).
4. Apparatus installed inside of enclosure can has any lay-out, which ensures, that in any cross-section area will be at least 40% of area free.
5. Service temperature range of sight glass with cementing joint is from  $-50^{\circ}\text{C}$  to  $+160^{\circ}\text{C}$ . Service temperature range of EPDM O-ring is from  $-40^{\circ}\text{C}$  to  $+110^{\circ}\text{C}$  and service temperature range of Silicone O-ring is from  $-50^{\circ}\text{C}$  to  $+160^{\circ}\text{C}$ .
6. Appropriate certified Ex equipment cable glands for direct entry has to be used.
7. Mechanical resistance of enclosure types RJ..., ROJ... matches to low risk of mechanical danger for component group I.
8. Component with non-metallic surface treatment must be installed so way to avoid a risk from propagating brush discharges for application in explosive dust atmosphere.
9. For information on dimensions of the flameproof joints the manufacturer shall be contacted.

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 17.09.2019

Page: 2/3

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 13 ATEX 0201U**

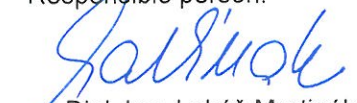
(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (9) of this supplementary certificate.

(19) Drawings and Documents:

Number	Sheets	Revision	Date	Description
IS-CRO	2	1	12.09.2019	Manual
IS-CROI	2	1	12.09.2019	Manual
1023	1	1	21.08.2013	Drawing
1025	1	1	12.09.2019	Drawing
1026	1	1	12.09.2019	Drawing
1027	1	1	12.09.2019	Drawing
1028	1	1	12.09.2019	Drawing
1029	1	1	12.09.2019	Drawing
1030	1	1	12.09.2019	Drawing
1031	1	1	12.09.2019	Drawing
1032	1	1	12.09.2019	Drawing
1033	1	1	12.09.2019	Drawing
1034	1	1	12.09.2019	Drawing
1035	1	1	12.09.2019	Drawing
1036	1	1	12.09.2019	Drawing
1037	1	1	12.09.2019	Drawing
1038	1	1	12.09.2019	Drawing
1039	1	1	12.09.2019	Drawing
1040	1	1	12.09.2019	Drawing
1041	1	1	12.09.2019	Drawing
1042	1	1	12.09.2019	Drawing
1043	1	1	12.09.2019	Drawing
1044	1	1	12.09.2019	Drawing
IS-CEMH	1	1	14.05.2014	Manual
1047	1	1	12.09.2019	Drawing
1048	1	2	21.06.2019	Drawing
DC-CSRIJE	41	2	12.09.2019	Certification dossier

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 17.09.2019

Page: 3/3

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.





(1) **Supplementary EU - Type Examination Certificate No.4**

(2) **Component Intended for use on/in an Equipment or Protective System  
Intended for use in Potentially Explosive Atmospheres  
(Directive 2014/34/EU)**

(3) EU - Type Examination Certificate number:

**FTZÚ 13 ATEX 0201U**

(4) Product: **Empty enclosures, type R...; RI...; RJ...; RO...; ROI...; ROJ...; SRI...; SROI...; EMH90\***

(5) Manufacturer: **RIBCO s.r.l.**

(6) Address: **VIA DEI MILLE, 12-20061 CARUGATE (MI), Italy**

(7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 13 ATEX 0201U 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 60079-1:2014; EN 60079-31:2014**

The sign „U“ is placed after the certificate number it indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

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

 **II 2G Ex db IIC Gb**       **II 2D Ex tb IIIC Db**  
 **I M2 Ex db I Mb** (stainless steel, Brass variants)

(12) This certificate is valid till: **31.12.2029**

Responsible person:

*v.z. Jager*

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 17.12.2024

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. 4  
to FTZÚ 13 ATEX 0201U**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Extension of certificate validity.

Technical parameters and construction of the product remain unchanged.

(16) Report Number: 13/0201/4

(17) Schedule of Limitations:

1. Maximum numbers of holes, their size and position are given in manuals No. IS-CROI, IS-CRO and IS-CEMH.
2. A circuit breakers or contactors containing oil filling and apparatus producing turbulences are not allowed to be installed inside of the enclosure.
3. The empty enclosure can be used for electrical equipment designed for ambient temperature not exceed range:  $-40^{\circ}\text{C} + 85^{\circ}\text{C}$  (with EPDM O-ring) and  $-50^{\circ}\text{C} + 85^{\circ}\text{C}$  (with silicone O-ring).
4. Apparatus installed inside of enclosure can has any lay-out, which ensures, that in any cross-section area will be at least 40% of area free.
5. Service temperature range of sight glass with cementing joint is from  $-50^{\circ}\text{C}$  to  $+160^{\circ}\text{C}$ . Service temperature range of EPDM O-ring is from  $-40^{\circ}\text{C}$  to  $+110^{\circ}\text{C}$  and service temperature range of Silicone O-ring is from  $-50^{\circ}\text{C}$  to  $+160^{\circ}\text{C}$ .
6. Appropriate certified Ex equipment cable glands for direct entry has to be used.
7. Mechanical resistance of enclosure types RJ..., ROJ... matches to low risk of mechanical danger for component group I.
8. Component with non-metallic surface treatment must be installed so way to avoid a risk from propagating brush discharges for application in explosive dust atmosphere.
9. For information on dimensions of the flameproof joints the manufacturer shall be contacted.

(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (9) of this supplementary certificate.

(19) Drawings and Documents:

Remain valid.

Responsible person:

*v z. Jzon*

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 17.12.2024

Page: 2/2

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.