



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 12 ATEX 0016

- (4) Equipment or protective system: **Multicoloured Flash LED light SB-RGBW-Exia**
- (5) Manufacturer: **TEVEL TEVE VARNOST Elektronika, d.o.o.**
- (6) Address: **Borovniko naselje 7, 1412 Kisovec, Slovenia**
- (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°:
- 12/0016 dated 14.08.2012**
- (9) Compliance with Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0:2009; EN 60079-11:2007; EN 50303:2000
- (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:

Ex I M1 Ex ia I Ma

This EC-Type Examination Certificate is valid till: **24.08.2017**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 24.08.2012

Page: 1/3

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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 12 ATEX 0016**

(15) Description of Equipment or Protective System:

Multicoloured Flash LED light SB-RGBW-Exia is designed for signalisation of hazardous situation or special status.

Maximum input parameters:

PIN 1, PIN 2: $U_i = 16 \text{ V}$; $I_i = 2,4 \text{ A}$; $L_i = 0$; $C_i = 0$

PIN 4, PIN 5: $U_i = 16 \text{ V}$; $L_i = 0$; $C_i = 0$

(16) Report No.: 12/0016

(17) Special conditions for safe use: none

(18) Essential Health and Safety Requirements:

Essential health and safety requirement of Directive 94/9/EC are covered by the standard mentioned in (9), according which the product was verified and in the manufacturer's instruction for use.

Responsible person:


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Head of Certification Body



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Page: 2/3

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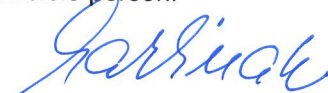
Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 12 ATEX 0016**

(19) List of Documentation:

[1] Technical documentation No. ID doc: 360001,	Date: 20.05.2012
[2] Drawings No.: 360003	Date: 20.05.2012
360005	Date: 20.05.2012
360006	Date: 11.06.2012
360007	Date: 11.06.2012
360008	Date: 11.06.2012
360009	Date: 11.06.2012
360010	Date: 11.06.2012
360011	Date: 11.06.2012
360012	Date: 11.06.2012
360013	Date: 11.06.2012
360014	Date: 11.06.2012
360015	Date: 11.06.2012
360016	Date: 11.06.2012
360017	Date: 11.06.2012
360018	Date: 11.06.2012
360019	Date: 11.06.2012
360020	Date: 11.06.2012
360022	Date: 20.05.2012
360023	Date: 04.06.2012
360024	Date: 11.06.2012
360025	Date: 04.06.2012
360026	Date: 11.06.2012
360027	Date: 21.05.2012
360028	Date: 21.05.2012
[3] Parts list: 360002	Date: 20.05.2012
360004	Date: 20.05.2012
360021	Date: 20.05.2012

Responsible person:


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Page: 3/3

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