



## 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 10 ATEX 0028X**

(4) Equipment or protective system: **Signal LED flashing light SB-XX-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°

**10/0028 dated 25.03.2010**

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

**EN 60079-0:2006; 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 the following:



**I M1 Ex ia I**

This EC-Type Examination Certificate is valid till:

**25. 03. 2015**

Responsible person:

Date of issue: **25.03.2010**

  
Dipl. Ing. Sindler Jaroslav

Head of certification body



Number of pages: 3

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Physical Technical Testing Institute  
Ostrava-Radvanice

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 10 ATEX 0028X**

(15) Description of Equipment or Protective System:

Signal LED flashing light SB-XX-Exia is designed in 5 different versions which differ by the type of LED diodes. There is possibility to choose all versions with or without base connection box.

Maximal input parameters:

$U_i = 15 \text{ V}$ ;  $I_i = 2,4 \text{ A}$ ;  $L_i = 0$ ;  $C_i = 0$

(16) Report No. : 10/0028

(17) Special conditions for safe use:

To comply degree of protection IP 54 all types SB-OX-Exia, the equipment where the device is installed must as to a comply degree of protection IP 54.

(18) Essential Health and Safety Requirements:

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

Responsible person:

Date of issue: 25.03.2010

  
Dipl. Ing. Šindler Jaroslav  
Head of certification body



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(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 10 ATEX 0028X**

(19)

**LIST OF DOCUMENTATION**

<i>Documentation:</i>	<i>Date:</i>
• Technical documentation SB-XX-Exia (21 pages) – ID – 34 50 00	12/2009
• Drawings No.: ID doc: 345030	06.01.2010
ID doc: 345031 (5 sheets)	06.01.2010
ID doc: 345032	06.01.2010
ID doc: 345033 (4 sheets)	06.01.2010
ID doc: 345010	01.12.2009
ID doc: 345011	31.10.2009
ID doc: 345012	17.12.2009
ID doc: 345013	13.12.2009
ID doc: 345014	30.11.2009
ID doc: 345016 (2 sheets)	24.09.2009
ID doc: 345018	12/2009
ID doc: 345020	12/2009
ID doc: 345021	12/2009
ID doc: 345022	12/2009
ID doc: 345023	26.01.2010

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