



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 11 ATEX 0186

(4) Equipment or protective system: **Signal Flash light with horn SBH-ia/MPS**

(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°:

11/0186 dated 19.04.2012

(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:



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This EC-Type Examination Certificate is valid till: **09.05.2017**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 09.05.2012

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tel +420 595 223 111, fax +420 596 232 672, ftzu@ftzu.cz, www.ftzu.cz



Physical Technical Testing Institute
Ostrava – Radvanice

(13)

Shedule

(14) **EC-Type Examination Certificate N° FTZÚ 11 ATEX 0186**

(15) Description of Equipment or Protective System:

Signal Flash light with horn SBH-ia/MPS is designed for signalisation of hazardous situation or special status.

Maximum input/output parameters:

X1, X2: $U_i = 16 \text{ V}$; $I_i = 2,4 \text{ A}$; $L_i = 0$; $C_i = 0$

$U_o = 5,88 \text{ V}$; $I_o = 3,4 \text{ mA}$; $P_o = 5 \text{ mW}$; $C_o = 100 \mu\text{F}$; $L_o = 1 \text{ H}$

(16) Report No.: 11/0186

(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.

(19) List of Documentation:

[1] Technical documentation, No. ID doc: 36 1001, Date: 11.8.2011 – 3 sheets

[2] Drawings No.:	361003	Date: 01.10.2011
	361004	Date: 01.10.2011
	361005	Date: 01.10.2011
	361007	Date: 06.08.2011
	361008	Date: 10.08.2011
	361009	Date: 10.08.2011
	361010	Date: 10.08.2011
	361012	Date: 10.08.2011
	361017	Date: 10.10.2011
	361020 (2 sheets)	Date: 10.10.2011
	361019	Date: 10.10.2011
	361021	Date: 10.10.2011
	361013	Date: 10.10.2011
	361015	Date: 10.08.2011
	361014	Date: 10.08.2011
[3] Parts list:	361002	Date: 10.08.2011
	361011	Date: 10.08.2011
	361016 (2 sheets)	Date: 10.09.2011
	361018	Date: 10.09.2011

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