



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 0187

(4) Equipment or protective system: **Audio-visual signal device SBH-X-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°

11/0187 dated 23.11.2011

(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 the following:



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This EC-Type Examination Certificate is valid till: **24. 11. 2016**

Responsible person:

Dipl. Ing. Šindler Jaroslav

Head of certification body



Date of issue: **24.11.2016**

Number of pages: 3

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Physical Technical Testing Institute
Ostrava-Radvanice

(13) **Schedule**

(14) **EC-Type Examination Certificate N° FTZÚ 11 ATEX 0187**

(15) Description of Equipment or Protective System:

Audio-visual signalling device SBH-X-Exia is designed for signalisation of hazardous situation or special status. It is manufactured in three versions SH-1-Exia only signal horn, SB-X-Exia only signal LED flashing light or SBH-X-Exia combining both above mentioned version. The versions differ for stable installation, portable application and according to LED diodes colour light.

Maximal input parameters:

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

(16) Report No.: 10/0028

(17) Special conditions for safe use: none

(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:


Dipl. Ing. Šindler Jaroslav
Head of certification body



Date of issue: 24.11.2011

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Physical Technical Testing Institute
Ostrava-Radvanice

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 11 ATEX 0187**

(19)

LIST OF DOCUMENTATION

| <i>Documentation:</i> | <i>Date:</i> |
|--|--------------|
| • Technical documentation ID: 359 001 (15 pages) | 19.11.2011 |
| • Drawings Noč.: ID: 359003 | 19.11.2011 |
| ID: 359005 | 19.11.2011 |
| ID: 359007 | 19.11.2011 |
| ID: 359008 (2 sheets) | 19.11.2011 |
| ID: 359009 (2 sheets) | 19.11.2011 |
| ID: 359010 (2 sheets) | 19.11.2011 |
| ID: 359011 | 19.11.2011 |
| ID: 359012 | 19.11.2011 |
| ID: 359013 (3 sheets) | 30.11.2009 |
| ID: 359014 | 02.06.2011 |
| ID: 359015 (3 sheets) | 01.06.2011 |
| ID: 359016 | 19.11.2011 |
| ID: 359017 | 19.11.2011 |
| ID: 359018 | 19.11.2011 |
| ID: 359019 | 19.11.2011 |
| ID: 359020 | 04.08.2011 |
| ID: 359021 | 12.05.2011 |
| ID: 359023 | 19.11.2011 |
| ID: 359024 | 19.11.2011 |
| ID: 359025 (6 sheets) | 19.11.2011 |
| ID: 359026 | 19.11.2011 |
| ID: 359027 (5 sheets) | 19.11.2011 |
| ID: 359029 | 19.11.2011 |
| ID: 359030 | 11.10.2011 |
| ID: 359031 (6 sheets) | 19.11.2011 |
| ID: 359032 | 19.11.2011 |
| ID: 359033 | 19.11.2011 |
| • Parts list: ID: 359002 | 19.11.2011 |
| ID: 359004 | 19.11.2011 |
| ID: 359006 | 19.11.2011 |
| ID: 359022 | 19.11.2011 |
| ID: 359028 | 19.11.2011 |

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