



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 01 ATEX 0073 U**

- (4) Component: **Flameproof signal luminaire type XHL ..**  
(5) Manufacturer: **Generi s.r.o.**  
(6) Address: **Uničovská 50, 787 01 Šumperk, Czech Republic**

- (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°

**01/0073 dated 31 March 2003**

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

**EN 50014:1997+A1+A2; EN 50019:2000; EN 50 028:1987; EN 50 281-1-1:1998**


- (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 the 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 manufacturing process and supply of this component.  
(12) The marking of the component shall include following:

 **I M2 EEx me I**

 **II 2G D EEx me II**

This EC-Type Examination Certificate is valid till: **31 Mai 2008**

Responsible person:

  
Dipl. Ing. Šindler Jaroslav  
Head of certification body



Date of issue: **15.06.2003**  
Number of pages: **1/3**

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**Physical Technical Testing Institute  
Ostrava-Radvanice**

(13)

**Schedule**

(14) **EC-Type Examination Certificate N° FTZÚ 01 ATEX 0073 U**

(15) Description of Component:

A type XHL .. flameproof signal luminaire is made as Ex – component, which is suited for instalation partly. Inside and partly outside of the increased safety enclosure "e". Light indicators are suited for fixing on the basic plate or they are mounted to the cover of the box by the fixing spring.

*Technical specification:*

Degree of protection (head):	IP 65
Degree of protection (connection terminals):	IP 20
Cross section of connectional conductors:	0,35 + 2,5
Conductors for terminal:	max. 2
Nominal voltage:	6, 12, 24, 48 V AC/DC; 110 a 230 V AC

(16) Report No. : 01/0073

65 pages

(17) Schedule of Limitations:

*Rang of ambient Temperature  $T_a$ :*

For Group I:  $-20^{\circ}\text{C} < T_a < +60^{\circ}\text{C}$

For Group II:  $-40^{\circ}\text{C} < T_a < +60^{\circ}\text{C}$

(18) Essential Health and Safety Requirements:

Covered by standards mentioned in (9) of this certificate.

Responsible person:

Dipl. Ing. Šindler Jaroslav

Head of certification body



Date of issue: 15.05.2003

Number of pages: 2/3

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(13)

**Schedule**

(14) **EC-Type Examination Certificate N° FTZÚ 01 ATEX 0073 U**

(19)

**LIST OF DOCUMENTATION**

- Technical conditions N° 995048 dated 26.03.2001
- Drawing N° G-3-902828 dated 11.06.2000
- Constructional specification of the head
- Constructional specification of the body
- Filling up specification

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