



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 14 ATEX 0089X

(4) Equipment or protective system: **Flameproof fluorescent luminaire, type LUX-xxx-F**

(5) Manufacturer: **TEVELUKS, d.o.o.**

(6) Address: **Borovniško naselje 7, 1412 Kisovec, Slovenija**

(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°:

14/0089 dated 09.12. 2014


(9) Compliance with Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012; EN 60079-1:2007; EN 60079-7:2008

(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:

 **I M2 Ex d e I Mb**

This EC-Type Examination Certificate is valid till: **31.12.2019**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 10.12.2014

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Physical Technical Testing Institute
Ostrava – Radvanice

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 14 ATEX 0089X**

(15) Description of Equipment or Protective System:

Flameproof fluorescent luminaire type LUX-xxx-F comprises of flameproof and increased safety compartments.

Flameproof compartment is constructed from polycarbonate tube, which houses the assembly of T5 fluorescent lamp and electronic control gear mounted on stainless steel reflector.

Polycarbonate tube is screwed and cemented on steel end caps. One steel cap is installed with removable plug and is intended as maintenance entry. The other end cap intergrades line bushing with connector on Ex d side.

End cap is welded to Ex e junction box, which is intended for through wire mains connection.

Flameproof fluorescent luminaire type LUX-xxx-F is manufactured in four different length / output power type and with two inlets for cable glands.

Technical specification :

Nominal Voltage Un:	198 ... 264 V / AC
Type of fluorescent lamp:	T5
Fluorescent lamp power:	24W; 39W; 54W; 80W
Degrees of protection:	IP 66 – connection cover

(16) Report No.: FTZÚ 14/0089

dated 09.12.2014

(17) Special conditions for safe use:

17.1 The plastic part of cover shall be cleaned with damp duster only.

17.2 Cable glands and plugs shall be match the requirements of degree of protection IP 66 and type of Ex- protection mentioned in clause (12) of this certificate.

(18) Essential Health and Safety Requirements:

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

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(13)

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(14) **EC-Type Examination Certificate N° FTZÚ 14 ATEX 0089X**

(19) List of Documentation:

Title:	Number.:	Date:
Instruction manual	102000	11/2014
Technical description	102100	11/2014
Part list	102002	05/2014
Drawings:	102003	05/2014
	102004	05/2014
	102005	05/2014
	102006	05/2014
Part list	102007	05/2014
Drawings:	102008	05/2014
	102009 2 sheets	05/2014
	102010	05/2014
	102011	05/2014
	102012	05/2014
	102013	05/2014
	102014	05/2014
	102015	05/2014
Part list	102016	05/2014
Drawings:	102017	05/2014
	102018	05/2014
	102019	05/2014
	102020	05/2014
	102021	05/2014
	102022	05/2014
Label	102025	11/2014
Drawing	102026	05/2014
Table of joints	102027 3 pages	05/2014

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