



EN

**"MINPROEKT" EAD****CERTIFICATE**

- [1] **Module B EC-TYPE-EXAMINATION CERTIFICATE**
(Translation)
- [2] Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres – Directive 2014/34/EC (ATEX)
- [3] **Module B EC-type-examination Certificate Number: №: MP 17 ATEX 0139 U**
- [4] **Product (Equipment or protective system): „Plug, type Z-X-VEL-X₁.X₂”**
- [5] **Applicant: JSC „VELAN”**
- [6] **Address: 1 Velanovskaya str., Zelenokumsk, Stavropol Region, 357911 Russia**
- [7] **Manufacturer: JSC „VELAN”**
- [8] **Address: 1 Velanovskaya str., Zelenokumsk, Stavropol Region, 357911 Russia**
- [7] This product (equipment or protective system) and any acceptable variation thereto are specified in details in the schedule to this certificate as well as the documents therein referred to.
- [8] Minproekt JSC, notified body No.1877 in accordance with Article 18 of the Council Directive 2014/34/EC (ATEX) of 26th February 2014, 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 or protective system, intended for use in potentially explosive atmospheres, specified in Annex II of the Directive. The examination and test results are recorded in:
- Confidential Test report № 32/03.10.2014**
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0:2012; EN 60079-1:2014; EN 60079-7:2015; EN 60079-31:2014.
- [10] If the sign "X" is placed after the certificate number, it indicates that this 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 on Module B relates only to the design and the construction of this specified equipment or protective system in accordance with Directive 2014/34/EC.
This certificate does not cover the requirements of the Directive on the forthcoming procedures relating to the production process and the delivery of the product.
- [12] The marking of the equipment or protective system shall include the following:

	II 2 G Ex d IIC Gb/Ex e II Gb		I M2 Ex e I Mb
	II 1 D Ex t _a IIIC IP65 Da		I M2 Ex d I Mb
			-60°C ≤ T _a ≤ +60°C

This certificate does not authorize the manufacturer or his authorized representative to affix the CE mark followed by the identification number of the Notified Body as well as the marketing and / or use. This certificate is a supplement to Certificate MP 14 ATEX 0139 U.



This certificate is valid till 23.10.2022

Sofia, 23.10.2017

Page 1/3

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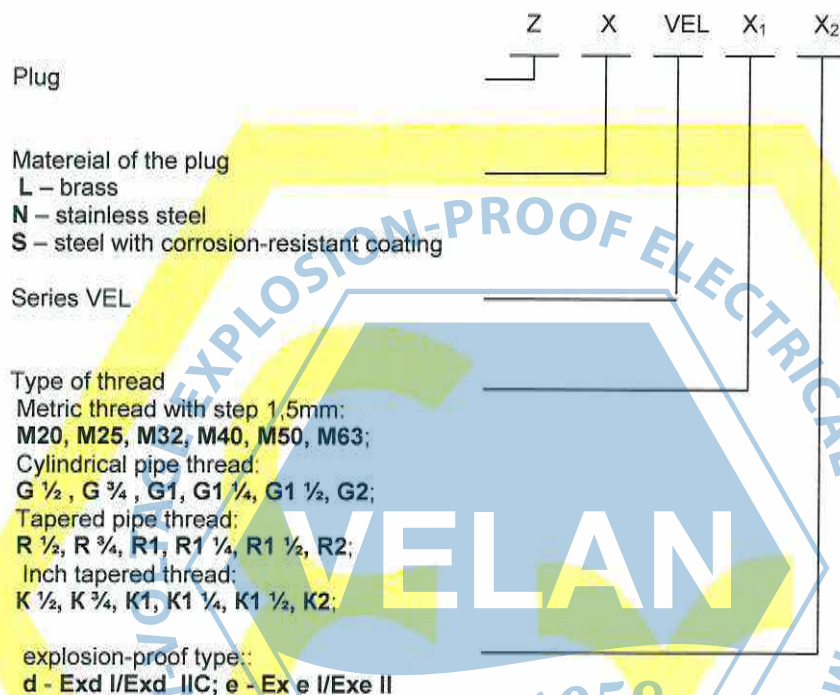
- [13] Schedule
 [14] Certificate on "Module B: EC-type-examination" No. MP 17 ATEX 0139 U (Translation)
 [15] Characteristics of the type, subject to the examination

1. Technical description

The plugs are metal components made in versions with four types of threads. The materials used are brass, stainless steel and steel with corrosion-resistant coating

Technical data of the product

1.1. Type designation:



1.2 Technical specifications:

- operating temperature range: $-60^{\circ}\text{C} \div +60^{\circ}\text{C}$;
- relative humidity of the environment: to $(98 \pm 2) \%$ at temperature $(35 \pm 2)^{\circ}\text{C}$;

2. Application field

The plugs are a component, with which the openings of the equipment enclosures are closed because these opening will not be used for a cable entry. They form part of the equipment enclosures for use in potentially explosive atmospheres

Sofia, 2017-10-23

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Schedule

Certificate on "Module B: EC-type-examination" No. MP 17 ATEX 0139 U (Translation)

[16] Test report No 32/03.10.2014

[17] Special requirements for safety use – The certificate is for plugs - component. The plugs are designed for a working temperature range of $-60^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$, different from the standard.

[18] Essential requirements

18.1. According to Directive 2014/34/EC (ATEX) and the manufacturer instructions, the product is intended for equipment that is not allowed in Zone 0 and for areas of mines and dangerous in terms of methane gas (firedamp) and combustible coal dust (category M1).

18.2. Other essential safety requirements are covered by the standards pointed in [9].

[19] List of the technical record parts

19.1. Operating Instructions

19.2. Specifications

19.3. List of standards – plug, type Z-X-VEL-X₁X₂"

19.4. Constructional documentation containing; Drawing No ПИНЮ.758121.008.

Sofia, 2017-10-23

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