



EN

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

[1]

(SUPPLEMENT № 1)**Module B: EU-TYPE-EXAMINATION CERTIFICATE**
(Translation)

- [2] Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres – Directive 2014/34/EU (ATEX)
- [3] Module B **EC-type-examination Certificate Number: №: MP 16 ATEX 0188 X**
- [4] **Product (Equipment or protective system): "Explosion proof junction box VAD- RSP-X.X.X..."**
- [5] Applicant: **JSC „VELAN”**
- [6] Address: 1 Velanovskaya str., Zelenokumsk, Stavropol Region, 357911 Russia
- [5] Manufacturer: **JSC „VELAN”**
- [6] 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 EAD, notified body No.1877 in accordance with Article 17 of the Council Directive 2014/34/EU (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 reports No. 18/01.07.2016; No. 05/25.01.2018

- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with: **EN 60079-0:2012; EN 60079-1:2014; EN 60079-31:2014.**
- [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/EU. 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 T6 Gb

II 2 D Ex t_b IIIC T85°C IP65 Db-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 supplement to the Certificate is a part of Certificate № MP 16 ATEX 0188 X.

This Supplement to the Certificate is valid until 14.02.2023 if there is no change of the conditions in which it has been issued.

Sofia, 14.02.2018

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Executive Director:
/dipl. eng St. Bosnev/



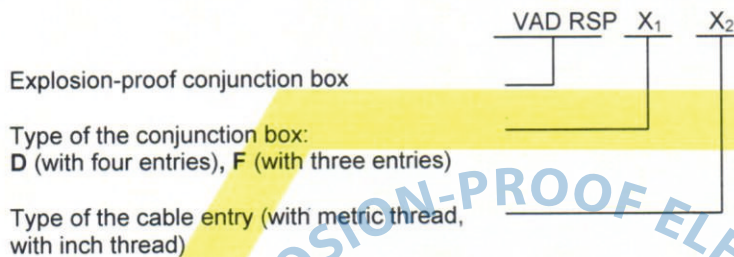
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- [13] **Schedule**
 [14] **Supplement 1 to Certificate on Module B: EU-Type Examination No: MP 16 ATEX 0188 X (Translation)**
 [15] **Characteristics of the type, subject to the examination**

1. Technical description
 "Explosion-proof Junction Box VAD-RSP-X.X.X..." consists of a housing and a lid made of aluminum alloy AK12. The cable entries used are: M20x1,5 or G1/2, M25x1,5 or G3/4, M32x1,5 or G1. In the box there is a terminal block, made of polyamide.
2. Technical data of the product.
 2.1. Type designation:



- 2.2. Technical data:
 - operating temperature range: $-60^{\circ}\text{C} + 60^{\circ}\text{C}$;
 - relative humidity of the environment: to $(98\pm 2)\%$ at a temperature $(35\pm 2)^{\circ}\text{C}$ with moisture condensing;
 - IP code - IP65;
3. Application field
 "Explosion-proof Junction Box VAD-RSP-X.X.X..." is designed for connection, branching and distribution of circuits of various electrical machines in hazardous areas according to their explosive marking.

- [16] **Test reports No 18/01.07.2016; No 05/25.01.2018**
 [17] **Special requirements for safety use - "Explosion-proof Junction Box VAD-RSP-X.X.X..." is intended 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 not allowed for zone 0 and zone 20.
 18.2. Other essential safety requirements are covered by the standards pointed in [9].

Sofia, 2018-02-14

Executive Director:
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Schedule

**Supplement 1 to Certificate on Module B: EU-Type Examination No: MP 16 ATEX 0188 X
(Translation)**

[19] List of the technical record parts

19.1. Operating Instructions

19.2. Test reports:

Report for testing polyamide ПА6-210 КС ОСТ 6-11-498-79/2016

19.3. List of the harmonized standards (in the operating instruction)

19.4. Conceptual design and manufacturing drawings and schemes, consisting of

Drawing № ПИНЮ.676147.033 СБ; specification ПИНЮ.676147.033 СП – 20 sheets;

Drawing № ПИНЮ.747115.001; Drawing № ПИНЮ.757472.006; Drawing №

ПИНЮ.757653.002; Drawing № ПИНЮ.758141.004; Drawing № БИЖЦ.687224.022; Drawing

№ БИЖЦ.731373.007; Drawing № ПИНЮ.302514.001 СБ; specification ПИНЮ.302514.001

СП; Drawing № ПИНЮ.301592.002 СБ; Drawing № ПИНЮ.301592.001 СБ; specification

ПИНЮ.301592.001 СП – 2 sheets; Drawing № ПИНЮ.758271.025.

19.5. Additional information:

Report for a sample АК-12/06.05.2016.

Up-to-date technical documentation.

Sofia, 2018-02-14

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