



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 0136 U**
- [4] **Product (Equipment or protective system): "Drain device, type DU VEL X₁.X₂-M20"**
- [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 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 № 42/19.12.2014
- [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.
- [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
 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 15 ATEX 0136 U.

This certificate is valid till 24.10.2022

Sofia, 24.10.2017

Page 1/3

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- [13] Schedule
 [14] Certificate on "Module B: EC-type-examination" No. MP 17 ATEX 0136 U (Translation)
 [15] Characteristics of the type, subject to the examination

1. Technical description

The drain devices consist of two elements - nut and bolt. Depending on the material they are produced in three versions: brass; stainless steel or steel.

Technical data of the product

1.1. Type designation:

DU VEL X₁ X₂ M20

Drain device produced by VELAN

Explosion-proof marking
 e – for marking Exell
 d – for marking Exdl/Exdll

Material of the drain device
 L – brass
 N – stainless steel
 S – steel

Threaded of the drain device
 M20x1,5

1.2 Technical specifications:

- operating temperature range: -60°C + +60°C;
- relative humidity of the environment: to (98 ±2) % at temperature (35±2) °C;

2. Application field

The drain devices are used to drain condensation from enclosures of equipment with a type of protection "d" and "e" intended for use in potentially explosive atmospheres.

Sofia, 2017-10-24

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Schedule

Certificate on "Module B: EC-type-examination" No. MP 17 ATEX 0136 U (Translation)

[16] Test report No 42/19.12.2014

[17] Special requirements for safety use – The certificate is for drain devices - component. The drain devices are designed for a working temperature range of $-60\text{ }^{\circ}\text{C} \leq T_a \leq +60\text{ }^{\circ}\text{C}$, 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 – "Drain device type DU VEL X₁, X₂-M20"

19.4. Constructional documentation containing; Specification ПИНЮ.687161.002; Drawings №

№: ПИНЮ.687161.002 СБ; ПИНЮ.715332.002; ПИНЮ.715332.002; ПИНЮ.753128.054;

ПИНЮ.687161.001СБ; ПИНЮ.687161.001; ПИНЮ.753125.015; ПИНЮ.754151.003;

ПИНЮ.754176.014; ПИНЮ.758417.001.

Sofia, 2017-10-24

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