EN

"MINPROEKT" EAD

CERTIFICATE

[1] **EU-TYPE-EXAMINATION CERTIFICATE**
(Translation)

[2] Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres – Directive **2014/34/EU**

[3] **EU-type-examination Certificate Number: №: MP 19 ATEX 0143 X**

[4] **Product (Equipment or protective system): "Local control station PVK-Y-VEL 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 and the documents therein referred to.

[8] Minproekt EAD, notified body No.1877 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 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 No. 08/12.03.2015**

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with: **EN 60079-0:2012; 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 save use, specified in the schedule to this certificate.

[11] This EU-type-examination Certificate 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 e_b d_b IIC T6 Gb

II 2 D Ex t_b IIIC T85^{0}C Db IP66 **- 20^{0}C≤T_a≤+55^{0}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 continuation of Certificate MP 15 ATEX 0143 X and is valid until 24.07.2024 if there is no change in the conditions under which it was issued.

Sofia, 24.07.2019

Executive Director:
/dipl. eng. St. Bosnev/

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[13] Schedule

[14] Certificate on "Module B: EU-type-examination" №: MP 19 ATEX 0143 X (Translation)

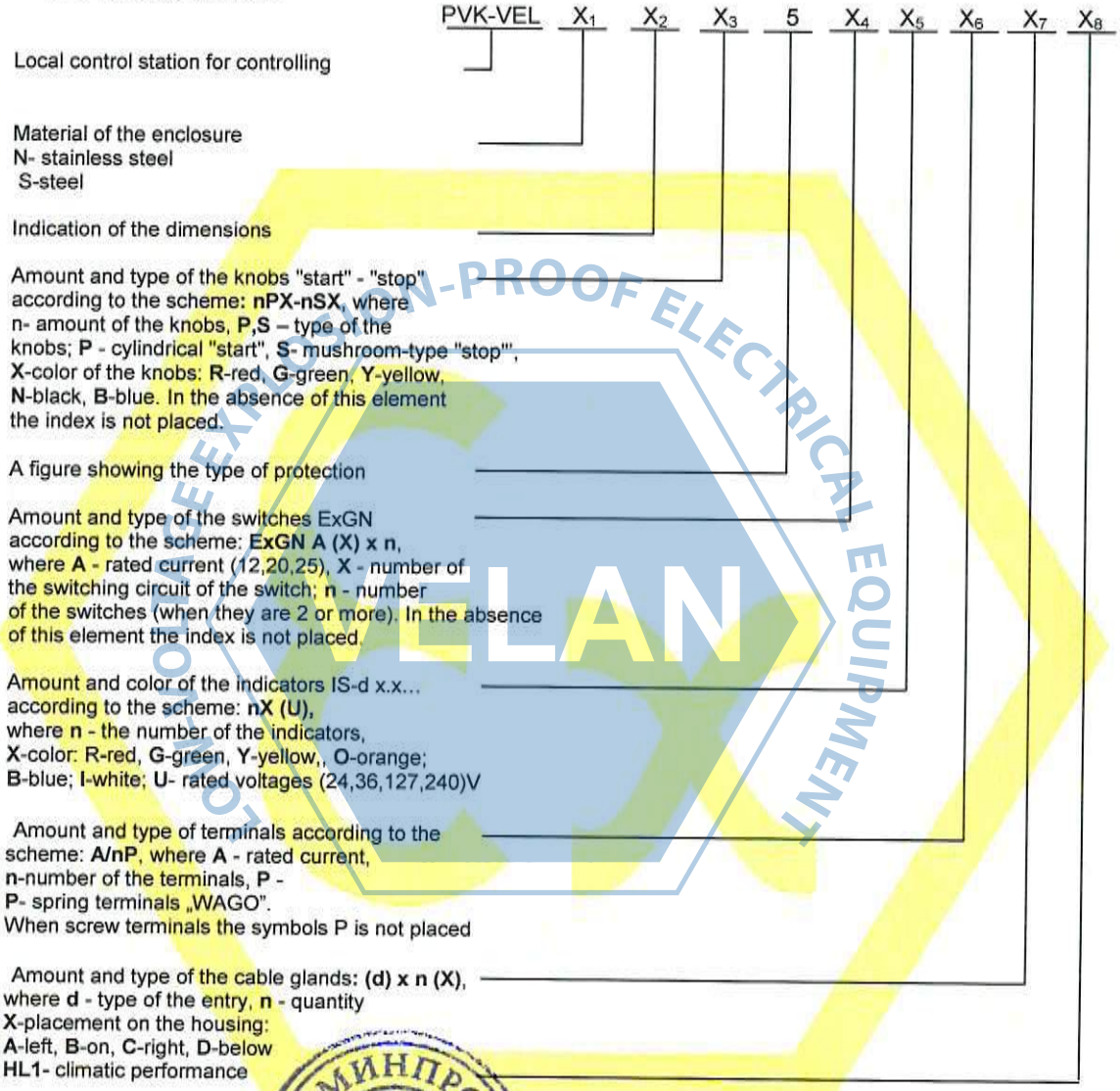
[15] Characteristics of the type, subject to the examination

1. **Technical description**

The local control stations type PVK-Y-VEL x.x.x..., consist of a housing and a cover made of stainless steel AISI 304 or steel E235 - A (Fe360-A). Different number of components are mounted on the lid, depending on the size: BKV x.x., rotary switch ExGN x.x. and light indicators IS d x.x. These components have ATEX certificates.

2. **Technical data of the product.**

2.1. Type designation:



Sofia, 2019-07-24

Executive Director:
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Schedule
Certificate on "Module B: EU-type-examination" №: MP 19 ATEX 0143 X (Translation)

[15] Characteristics of the type, subject to the examination

2. Technical data of the product.

2.2 Technical characteristics:

Name	Maximum number of the components		
	Knobs BKV	light indicators IS-d	Switches ExGN
PVK-Y-VEL1	4	4	-
PVK-Y-VEL2	2	4	-
PVK-Y-VEL3	6	6	2
PVK-Y-VEL4	8	8	2
PVK-Y-VEL5	9	9	4
PVK-Y-VEL6	15	15	6
PVK-Y-VEL7	15	15	4
PVK-Y-VEL8	16	16	9
PVK-Y-VEL9	20	20	9
PVK-Y-VEL10	45	45	18
PVK-Y-VEL11	36	36	15
PVK-Y-VEL12	54	54	18
PVK-Y-VEL13	60	60	24
PVK-Y-VEL14	104	104	35

- operating temperature range: -20^{0}C ÷ +55^{0}C;
- relative humidity of the environment: to (98±2)% at a temperature (35±2)^{0}C while condensing moisture;
- operating voltage - max. 380V (AC) and max. 240V (DC);
- rated current – max. 16A;
- IP code – IP66;

3. Application field

"Local control station PVK-Y-VEL x.x.x...", is a remote control for stationary or mobile equipment in hazardous areas according to its explosive marking.

[16] Test report № 08/12.03.2015

[17] Special requirements for safety use – "Local control station PVK-Y-VEL x.x.x...", is designed for a working temperature range of -20^{0}C≤T$_a$≤+55^{0}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, 2019-07-24

Executive Director:
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[19] List of the technical dossier parts

19.1. Operating Instructions

19.2. Conceptual design and manufacturing drawings and schemes:

PVK-N(S)-VEL1-HL1
Drawings № № ПИНЮ.642254.063 СБ; ПИНЮ.731146.070; ПИНЮ.735341.070; specifications ПИНЮ.642254.063 – 3 sheets.

PVK-N(S)-VEL2-HL1
Drawings № № ПИНЮ.735341.071; ПИНЮ.731146.071; ПИНЮ.642254.064 Э3; specifications ПИНЮ.642254.064 – 3 sheets.

PVK-N(S)-VEL3-HL1
Drawings № № ПИНЮ.642254.065 СБ; ПИНЮ.642254.065 Э3; ПИНЮ.731146.072; ПИНЮ.735341.072; specifications ПИНЮ.642254.065 – 3 sheets.

PVK-N(S)-VEL4-HL1
Drawings № № ПИНЮ.642254.066 СБ; ПИНЮ.642254.066 Э3; ПИНЮ.731146.073; ПИНЮ.735341.073; specifications ПИНЮ.642254.066 – 3 sheets.

PVK-N(S)-VEL5-HL1
Drawings № № ПИНЮ.642254.067 СБ; ПИНЮ.642254.067 Э3; ПИНЮ.731146.074; ПИНЮ.735341.074; specifications ПИНЮ.642254.067 – 3 sheets.

PVK-N(S)-VEL6-HL1
Drawings № № ПИНЮ.642254.068 СБ; ПИНЮ.642254.068 Э3; ПИНЮ.731146.075; ПИНЮ.735341.075; specifications ПИНЮ.642254.068 – 3 sheets.

PVK-N(S)-VEL7-HL1
Drawings № № ПИНЮ.642254.073 СБ; ПИНЮ.642254.073 Э3; ПИНЮ.731146.080; ПИНЮ.735341.080; specifications ПИНЮ.642254.073 – 3 sheets.

PVK-N(S)-VEL8-HL1
Drawings № № ПИНЮ.642254.069 СБ; ПИНЮ.642254.069 Э3; ПИНЮ.731146.076; ПИНЮ.735341.076; specifications ПИНЮ.642254.069 – 3 sheets.

PVK-N(S)-VEL9-HL1
Drawings № № ПИНЮ.642254.074 СБ; ПИНЮ.642254.074 Э3; ПИНЮ.731146.081; ПИНЮ.735341.081; specifications ПИНЮ.642254.074 – 3 sheets.

PVK-N(S)-VEL10-HL1
Drawings № № ПИНЮ.642254.070 СБ; ПИНЮ.642254.070 Э3; ПИНЮ.731146.077; ПИНЮ.642254.077; specifications ПИНЮ.642254.070 – 3 sheets.

PVK-N(S)-VEL11-HL1
Drawings № № ПИНЮ.642254.075 СБ; ПИНЮ.642254.075 Э3; ПИНЮ.731146.082; ПИНЮ.642254.082; specifications ПИНЮ.642254.075 – 3 sheets.

PVK-N(S)-VEL12-HL1
Drawings № № ПИНЮ.642254.076 СБ; ПИНЮ.642254.076 Э3; ПИНЮ.731146.083; ПИНЮ.735341.083; specifications ПИНЮ.642254.076 – 3 sheets.

PVK-N(S)-VEL13-HL1
Drawings № № ПИНЮ.642254.061 СБ; ПИНЮ.642254.071 Э3; ПИНЮ.731146.078; ПИНЮ.735341.078; specifications ПИНЮ.642254.071 – 3 sheets.

PVK-N(S)-VEL14-HL1
Drawings № № ПИНЮ.642254.072 СБ; ПИНЮ.642254.072 Э3; ПИНЮ.731146.079; ПИНЮ.735341.079; specifications ПИНЮ.642254.072 – 4 sheets.

19.3. Up to date operating instructions (2019)

Sofia, 2019-07-24

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