



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 0147 X
- [4] Product (Equipment or protective system): "Local control station PVK y3"
- [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. 06/17.02.2015

- [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 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 db IIC T6 Gb



II 2 D Ex tb IIIC T85°C Db IP66

- 20°C ≤ T_a ≤ +55°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 0147 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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"Minproekt" EAD, Sofia 1756, Bulgaria, 14 "Kliment Ohridski" avenue
tel.:02/975-82-20, fax:02/975-33-48
e-mail: office@minproekt.com
www.minproekt.com

Division "Scientific and Research Activity"
tel.: 07718/2340
e-mail: minproektvs@abv.bg

[13] Schedule

[14] Certificate on "Module B: EU-type-examination" №: MP 19 ATEX 0147 X (Translation)

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

1. Technical description

The local control stations series type PVK y3 consist of a housing and a lid made of aluminum alloy AK12. In the enclosure there is a switch type BKV x.x. In the PVK-13 there is one switch type BKV x.x., and in the PVK-23 and the PVK -33 there are respectively two and three BKV x.x.

2. Technical data of the product.

2.1. Type designation:

	PVK	X ₁	3	HL1
Local control station				
Quantity of the switches: 1 or 2 or 3				
Implementation with marking Ex d IIC				
Climatic performance				

2.2. Technical data:

- operating temperature range: -20°C + +55°C;
- relative humidity of the environment: to (98±2)% at a temperature (35±2)°C while condensing moisture;
- operating voltage - max. 660V (AC) and max. 440V (DC);
- rated current – max. 16A;
- cross-section of the feeder conductors at one terminal may be 2x2,5mm² or 1x4mm²;;
- IP code – IP66.

3. Application field

Local control station PVK y3 is designed for a remote control of stationary or mobile equipment in explosive zones according to its explosive marking.

Sofia, 2019-07-24

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



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14 "Kliment Ohridski" avenue
tel.: 02/975-82-20, fax: 02/ 975-33-48
e-mail: office@minproekt.com – Sofia
www.minproekt.com

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e-mail: minproektvs@abv.bg - Dragichevo

- [13] **Schedule**
Certificate on "Module B: EU-type-examination" №: MP 19 ATEX 0147 X (Translation)
- [16] **Test report No 06/17.02.2015**
- [17] **Special requirements for safety use – "Local control station PVK y3" is designed for a working temperature range of $-20^{\circ}\text{C} \leq T_a \leq +55^{\circ}\text{C}$, 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].
- [19] **List of the technical record parts**
19.1. **Operating Instructions**
19.2. **Available report:** a report from the the spectral analysis of an aluminum alloy AKA-12 / 11.20.2014
19.3. **Conceptual design and manufacturing drawings and schemes:**
Specifications № ИМШБ.642251.008 – 8 sheets; Drawing № ИМШБ. 642251.008 СБ – 2 sheets;
Drawing № № ПИЖЦ.301132.052 СБ; ПИЖЦ.735224.012; specifications № ИМШБ.642251.009 – 8 sheets; Drawing № № ИМШБ.642251.009 СБ – 2 sheets; ПИЖЦ.301132.052 СБ; ПИЖЦ.735224.012;
specification № ИМШБ.642254.017 – 8 sheets; Drawing № № ИМШБ.642254.017 СБ – 2 sheets;
ПИЖЦ.301132.052 СБ; ПИЖЦ.735224.013.
19.4. **Up to date operating instructions (2019)**

Sofia, 2019-07-24

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