

# (1) TYPE-EXAMINATION CERTIFICATE



- (2) Equipment and Protective Systems intended for use in Potentially Explosive Atmosphere - **Directive 14/34/EU**
- (3) Type-Examination Certificate Number

**TÜV 16 ATEX 7701 X**

Issue: 00

- (4) Equipment: **Panel PC**  
**Type: AEx-P526**
- (5) Manufacturer: **Aplex Technology Inc.**
- (6) Address: **15F-1, No. 186, Jian Yi Road**  
**Zhonghe Dist., New Taipei City**  
**235 Taiwan, R.O.C.**

- (7) This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) The TÜV Rheinland Zertifizierungsstelle for ex-protected products of TÜV Rheinland Industrie Service GmbH, Notified Body No. 0035 in accordance with Article 21 of the Council Directive 14/34/EU of 26<sup>th</sup> February 2014, certifies this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmosphere, given in Annex II to the Directive.

The examination and test results are recorded in the confidential report GC / Ex 7701.00 / 16. Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to:

**EN 60079-0: 2012**

**EN 60079-15: 2010**

- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This Type-Examination Certificate relates only to the design and specification for construction of the equipment or protective system. It does not cover the process for actual manufacture or supply of the equipment or protective system, for which further requirements of the directive are applicable.



**II 3 G Ex nA IIC T4 Gc**

TÜV Rheinland ExNB for explosion protected equipment

Cologne, 18.05.2016

Dipl.-Ing. Klauspeter Graffi



This Type-Examination Certificate without signature and stamp shall not be valid.  
This Type-examination Certificate may be circulated only without alteration. Extracts or alterations are subject to approval by the TÜV Rheinland Industrie Service GmbH TÜV Rheinland Group Am Grauen Stein 51105 Köln  
Tel. +49 (0) 221 806-0 Fax. + 49 (0) 221 806 114

(13) Annex

(14) **Type Examination Certificate**  
**TÜV 16 ATEX 7701 X Issue: 00**

(15) Description of equipment

15.1 Equipment and type:

Panel PC, Type AEx-P526

15.2 Description / Details of Change

General product information

AEx-P526 is the stationary industrial Panel PC intended for commercial use in rough environment conditions for Category 3, Zone 2, EPL Gc. The power supply and any optional accessory were excluded from the evaluation because it is prohibited to be used in hazardous area. Ambient temperature is -20°C ~ +60°C.

Technical Data

11~32 Vdc, 0.85~2.2 A,

Ambient temperature: -20~+60°C,

Temperature class: T4,

IP Code: IP65

(16) Test-Report No. GC / Ex 7701.00 / 16

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(17) Special Conditions for safe use

1. It is forbidden to use any of the I/O ports in the hazardous areas.
2. Do not rub on plastic parts or the display.
3. The power supply meanings to the equipment are excluded from the certificate. It shall be installed in the safe area.
4. The equipment is used in an area of not more than pollution degree 2, as defined in IEC 60664-1.

(18) Basic Safety and Health Requirements

Covered by afore mentioned standard

TÜV Rheinland ExNB for explosion protected equipment

Cologne, 2016-05-18

  
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