



CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/25/CA/00003X

Contract Number: 800606

Certificate Project Number: SUW-CERT241200192

Certified Product: Explosion Proof Tablet

Trademarks: -

Model(s): Tab-Ex 03 DZ1 WiFi, Tab-Ex 03 DZ1 WWAN, Tab-Ex 05 DZ1 WiFi, Tab-Ex 05 DZ1 WWAN

Technical Data: Refer to Page 2

Certificate Holder: Pepperl+Fuchs SE
Lilienthalstraße 200, 68307, Mannheim, Germany

This certificate supercedes previous certificates issued with the same certificate number. Certification is valid when products are indicated on the SGS directory of certified products at www.sgs.com or using the QR code below. The product is certified according to ISO/IEC Guide 17067, Conformity assessment - Fundamentals of product certification, System 3, and in accordance with:

FM 3600, Jan. 2018
FM 3610, Jan. 2018
FM 3615: 2018
FM 3616: 2011
UL 60079-0, 7th Ed. Rev. April 15, 2020
CAN/CSA C22.2 No. 60079-0:19
UL 60079-1, 7th Ed. Rev. Jan. 23, 2020
CSA C22.2 No. 60079-1:16 (R2021)
UL 60079-11, 6th Ed. Rev. September 14, 2018
UL 62368-1, Ed. 3 dated December 13, 2019
CAN/CSA C22.2 No. 62368-1:19
CAN/CSA C22.2 No. 60079-11, 2nd Ed. R2018

Certification Condition

The flameproof joints shall not be repaired.

The device shall be protected against high energy impacts.

The device shall not be used in close proximity to processes producing high electrostatic charges

Authorized by:


Paul Krauss
Certifier

Effective date: 06 May 2025



Certification Body

Connectivity & Products, a division of SGS North America Inc.
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Technical Data:

Tab-Ex 03 DZ1:

Class I Division 1, Group A, B, C, D, T6

Class II Division 1, Group E, F, G T85C

Class III T85C

Ex db ia IIC T6 Gb

Class I, Zone 1, AEx db ia IIC T6 Gb

Zone 21, Group IIIC T85C

Ambient Temperature: $-20^{\circ}\text{C} \leq T_a \leq +55^{\circ}\text{C}$

USB interface parameters: $U_m = 30\text{V}$

$U_o = 5.6\text{ V}$, $I_o = 500\text{ mA}$, $P_o = 600\text{ mW}$, $C_o = 1\text{ }\mu\text{F}$, $L_o = 1\text{ }\mu\text{H}$

$U_i = 5.6\text{ V}$, $I_i = 100\text{ mA}$, $P_i = 100\text{ mW}$, $C_i = 53\text{ }\mu\text{F}$, $L_i = 0\text{ }\mu\text{H}$

Battery powered Nominal/rated battery data: 3.85 VDC, 4900 mAh, 18.87 Wh;

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Tab-Ex 05 DZ1:

Class I Division 1, Group A, B, C, D, T6

Class II Division 1, Group E, F, G T80C

Class III T80C

Ex db ia IIC T6 Gb

Class I, Zone 1, AEx db ia IIC T6 Gb

Zone 21, Group IIIC T80C

Ambient Temperature: $-20^{\circ}\text{C} \leq T_a \leq +55^{\circ}\text{C}$

USB interface parameters: $U_m = 30\text{V}$

$U_o = 5.6\text{ V}$, $I_o = 500\text{ mA}$, $P_o = 600\text{ mW}$, $C_o = 1\text{ }\mu\text{F}$, $L_o = 1\text{ }\mu\text{H}$

$U_i = 5.6\text{ V}$, $I_i = 100\text{ mA}$, $P_i = 100\text{ mW}$, $C_i = 53\text{ }\mu\text{F}$, $L_i = 0\text{ }\mu\text{H}$

Battery powered Nominal/rated battery data: 3.85 VDC, 4900 mAh, 18.87 Wh;

IP 64

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