

防爆合格证



国家防爆

Electrical Apparatus for Explosive Atmospheres
CERTIFICATE OF CONFORMITY

Manufacturer Microcyber Corporation
17-8 Wensu Street, Hunnan New District, Shenyang, China 110179

Product Electronic Boards for Temperature Transmitter

Type MS0210

Marking Ex ia [ia Ga] IIC T4/T6 Ga

Standard(s) Q/BW13-2024

Drawing No. MS-02XX-01

The drawings, technical documents and the samples are verified and certified according to standard(s) for safety as below:

GB/T 3836.1-2021 Explosive atmospheres - Part 1: Equipment - General requirements
GB/T 3836.4-2021 Explosive atmospheres - Part 4: Equipment Protection By Intrinsic Safety "i"

Note:

1、 This product is an Ex component, can not be used alone, need to be installed in the enclosure not less than IP20. When with other products to form a system, must be re-explosion-proof certification.

2、 Ambient temperature and temperature class is shown in the following table:

Ambient temperature	-40℃~+60℃	-40℃~+70℃
Temperature class	T6	T4

3、 Intrinsically safe parameters:

Power port: U_i :30V, I_i :130mA, P_i :0.8W, C_i :1.2nF, L_i :0μH;

Sensor Port 1: U_o =5.4VDC, I_o =120mA, P_o =162mW, C_o =18μF, L_o =1mH;

Sensor Port 2: U_o =6.1VDC, I_o =60mA, P_o =91.5mW, C_o =10μF, L_o =0.5mH.

4、 This certificate is issued in exchange for a change in the design of intrinsically safe circuits. The original certificate was issued on November 6th, 2024.

Director

Date: 2025-04-21

Valid until: 2029-11-05



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注: 本证书仅对与认可文件和样品一致的产品有效。

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Note: This certificate is only valid for products which are identical with the sample(s) tested and verified. Holder of this certificate has the responsibility to ensure the products comply with relevant standards.