



爆炸性环境

Explosive Atmospheres

防爆合格证

CERTIFICATE OF CONFORMITY

证书编号: CMExC25.4314X
Certificate No.

产品名称

Name of Product

Temperature transmitter

产品型号

Type of Product

NCS-TT306HbICd

产品规格

Specification of Product

Rated voltage: 11.5VDC-30VDC;

Intrinsic safety parameters:

Terminals 1、2: U_i : 30V; I_i : 130 mA; C_i : 1.0nF; L_i : 0uH; P_i : 800mW;

Terminals 3、4、5、6、7、8: U_o : 7.2 V; I_o : 7.3 mA; C_o : 13.5uF; L_o : 667 mH; P_o : 13.2mW

防爆标志

Marking

Ex ia IIC T4/T6 Ga

经对上述产品图样及技术文件的审查和样品检验, 确认符合下列标准:

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 11: Equipment protection by intrinsic safety "i"

说明事项

Remarks

1. In the model, "b" is the installation method, when "b" is "N", it means head installation; when "b" is "R", it means dual-channel rail installation. "d" is the display selection, when "d" is "C", it means that there is display; when "d" is "N", it means that there is no display;
2. When the ambient temperature is $-40^{\circ}\text{C}\sim 60^{\circ}\text{C}$, the temperature class is T6; When the ambient temperature is $-40^{\circ}\text{C}\sim 70^{\circ}\text{C}$, the temperature class is T4;
3. The "X" in the certificate number means: See the attachment for details.

持证单位

Certificate Holder

Microcyber Corporation

生产单位

Manufacture

Microcyber Corporation

发证日期

Date of Issue

2025-05-19

有效期至

Valid Date

2030-05-18

签发人

Approved By

颁发单位

Issued By

Fushun CCTEG Testing Center Co., Ltd.

China National Quality Supervision & Test Centre
for Explosion proof and Safety Products for Coal
Mines (CMExC)





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CERTIFICATE OF CONFORMITY

证书编号: CMExC25.4314X
Certificate No. (Attachment)

The "X" in the certificate number indicates that the product has special conditions of use:

1. The ambient temperature is $-40^{\circ}\text{C}\sim 60^{\circ}\text{C}$ or $-40^{\circ}\text{C}\sim 70^{\circ}\text{C}$;
2. The product must be installed in an enclosure with at least IP20, and meet the following requirements:
 - (1) The metal enclosure shall meet the material requirements of Clauses 8.1.2 of GB/T 3836.1-2021; When the enclosure of the product is made of aluminum alloy and the equipment protection level is Ga, it must be installed such, that ignition sources due to impact and friction sparks are excluded.
 - (2) or When installed in a plastic enclosure, a warning sign is required to indicate the safety measures to be taken to avoid the risk of electrostatic ignition.
 - (3) or When installed in a plastic enclosure, the material of the enclosure shall meet the requirements of Clauses 26.13, 26.14 and 26.15 of GB/T 3836.1-2021;
3. When installed in a metal enclosure, the distance between the terminal blocks and the enclosure, must be greater than 3mm.

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