



国家防爆

Certificate number: CNEx24.5217X

防爆合格证

Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY

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

Product Intelligent Temperature Transmitter

Type NCS-TT105H

Marking Ex ia [ia Ga] II C T4/T6 Ga

Standard(s) Q/BW11-2022

Drawing No. NCS-TT105-01

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

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

2、Intrinsically safe parameters:

Power port: $U_i=30V$, $I_i=130mA$, $P_i=0.8W$, $C_i=5nF$, $L_i=0\mu H$;

Sensor Port 1: $U_o=5.4VDC$, $I_o=120mA$, $P_o=162mW$, $C_o=17\mu F$, $L_o=1mH$.

3、When the product is used in zone 0, measures should be taken to prevent ignition hazards caused by impact or friction.

4、Shell protection level: IP65.

Director

王军

Date:

2025-05-06

Valid until:

2030-05-05



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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.