



国家防爆

Certificate number: CNEx24.5215X

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-TT105F

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、 This certificate represents the following product models: NCS-TT105F、NCS-TT105P, Explosion proof mark: Ex ia [ia Ga] II C T4/T6 Ga.

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

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

3、 This product is a FISCO field device with intrinsic safety parameters:

Bus port: $U_i=17.5V$, $I_i=380mA$, $P_i=5.32W$, $C_i=3nF$, $L_i=0\mu H$;

Sensor Port 1: $U_o=5.4VDC$, $I_o=120mA$, $P_o=0.162W$, $C_o=17\mu F$, $L_o=1mH$.

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

5、 Shell protection level: IP65.

Director

王军

Date:

2025-05-06

Valid until:

2030-05-05



南阳防爆电气研究所有限公司

NANYANG EXPLOSION PROTECTED ELECTRICAL APPARATUS RESEARCH INSTITUTE

国家防爆电气产品质量检验检测中心

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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.