



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2022312315000599

<b>Applicant</b>	Techno Controls
<b>Address</b>	54/1, Meladi Estate Gota Railway Crossing, Gota Ahmedabad – 382481, Gujarat, India
<b>Manufacturer</b>	Techno Controls
<b>Address</b>	54/1, Meladi Estate Gota Railway Crossing, Gota Ahmedabad – 382481, Gujarat, India
<b>Production Factory</b>	Techno Controls
<b>Production Address</b>	54/1, Meladi Estate Gota Railway Crossing, Gota Ahmedabad – 382481, Gujarat, India
<b>Product</b>	Stator Winding Temperature Detector
<b>Model/Type</b>	TSRA, TSRB, TSRC, TSRD, TSRK, TSRB-ET, TSRC-ET, TSRD-ET
<b>Ex marking</b>	Ex eb IIC Gb
<b>Reference Standards</b>	GB/T 3836.1-2021, GB/T 3836.3-2021

**Certification mode** Type Test + Initial Factory Inspection + Post-Certification Surveillance

The product(s) is verified and certified according to CNCA-C23-01: 2019 *China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product* and CNEX-C2301-2019 *Guideline of China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product*.

See Annex for the detailed product information (2 pages)

Issued on: 2022-05-25

Valid to: 2027-05-24

The validity of this certificate is maintained through the regular supervision of the issuing authority during the validity period.

Where any discrepancy arises between the English translation and the original Chinese version, the Chinese version shall prevail.

Director:



Nanyang Explosion Protected Electrical  
Apparatus Research Institute Co.,Ltd.



<http://www.ccc-cnex.com>  
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CN 0001135



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

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## Product information:

1. This certificate covers the following models:

- TSRA, TSRB, TSRC, TSRD, TSRK, TSRB-ET, TSRC-ET, TSRD-ET

Electrical Data: 1.6VAC/DC, 10mA AC/DC 16mW

Temperature measuring range/Service temperature:

TSRA, TSRB, TSRC, TSRD, TSRK: -50°C~+180°C;

TSRB-ET, TSRC-ET, TSRD-ET: -40°C~+180°C

Ex marking: Ex eb IIC Gb

- Producers should organize production in accordance with the technical documents approved by the certification body.

2. Specific conditions of safety use:

- The terminations need to be protected by suitable protection method according to GB/T 3836.1.

- The electrical connection should be connected to the approved unit according to application or to terminal box according to requirements at the connecting site. The sensors can only be connected to measuring equipment prepared for PT100/PT1000 sensors.

- The high voltage test needs to be performed when completely assembled with the final assembly.

- Where the insulated wiring has no overall sheath, the conductor insulation has a minimum thickness of only 0.09 mm (code Z) or 0.12 mm (codes Q, R, W, X, Y), so precautions shall be taken to prevent contact with other current-carrying conductors, for example by the use of additional insulation or routing away from other conductors.

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- See instruction for other information.

3. Certificate related report(s):

- Type test report: CQST2205C036

- Factory inspection report: CN2022Q010213

4. Certificate change information: None

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