中国认可
国际互认
检测
TESTING
CNAS L9576

Test Report

Report No. :BG-2507008-1

Product :NCS-TT306H series smart pressure transmitter

Client : Microcyber Corporation

Manufacturer: Microcyber Corporation

Test Category: Commissioning test

Issue Date : 2025-7-15

Robot Test Center of Shenyang Institute of Automation, Chinese Academy of Sciences

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Test Report

Report No.: BG-2507008-1

Product	NCS-TT306H series smart pressure transmitter	Model	NCS-TT306H
Product Grade	Qualified product	Test Category	Commissioning test
Sample Description	In good condition	Sample Quantity	1
Manufacturer	Microcyber Corporation	Production Date	/
Client	Microcyber Corporation	Client Address	17-8 Wensu Street, Hunnan New District, Shenyang, China
Delivery Date	2025-07-07	Delivery Model	Send by post
Test Address	NO.135, Chuangxin Road, Hunnan District, Shenyang	Test Duration	2025-07-07~2025-07-11
Test Standard	IEC60068-2-1:2007《Environmental testing - Part 2-1: Tests - Test A: Cold》 IEC60068-2-2:2007《Environmental testing - Part 2-2: Tests - Test B: Dry heat》 IEC 60068-2-30:2005《Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)》		
Test Item	Cold, Dry heat, Damp heat; Total 3 items		
Test Conclusion	See the results of each item for details next page.		
Memo	/		

Approver: 钟华 钟华　　Verifier: 张广志 张广志　　Lister: 关忠宇 关忠宇

No.	Test Item	Standard Request	Test Result
1	Cold	Based on 《IEC 60068-2-1:2007 Environmental testing — Part 2-1: Tests — Test A: Cold》, the test procedure shall be conducted as follows: Initial current measurement is performed at ambient temperature. The specimen is then cooled from room temperature to the specified temperature of -40 °C at a temperature change rate of 1 °C/min. After reaching the target temperature, this condition is maintained for 16 hours with the specimen under power-on condition throughout the test. Subsequently, the temperature is restored to ambient temperature. Final current measurement is performed upon completion of the temperature recovery phase.	The specimen exhibits intact appearance and structural integrity both pre-test and post-test, with all measured currents within the specified normal range.
2	Dry heat	Based on 《IEC 60068-2-2:2007 Environmental testing — Part 2-2: Tests — Test B: Dry heat》, the test procedure shall be conducted as follows: Initial current measurement is performed at ambient temperature. The specimen is then heated from room temperature to the specified temperature of 85 °C at a temperature change rate of 1 °C/min. After thermal stabilization, this condition is maintained for 16 hours with the specimen under continuous power-on status. Subsequently, the temperature is restored to ambient conditions. Final current measurement is performed upon completion of the recovery phase.	The specimen exhibits intact appearance and structural integrity both pre-test and post-test, with all measured currents within the specified normal range.
3	Damp heat	Based on《IEC 60068-2-30:2005 Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle) 》, the test procedure shall be conducted as follows: Initial current measurement is performed at ambient temperature (25°C). With the specimen continuously powered, execute 2 complete cycles of the following sequence: Ramp-up phase (3 hours): Temperature increases from 25°C to 55°C, Humidity rises to 95% RH; High-stress stabilization dwell (9 hours): Maintain55°C and 95%RH; After stabilization Ramp-down phase (4.5 hours): Temperature decreases to 25°C, Humidity maintained ≥90% RH; Low-stress stabilization dwell (7.5 hours): Maintain 25°C and Humidity≥90% RH; After completing the cycles, return to standard ambient conditions.Final current measurement is performed upon completion of the recovery phase.	The specimen exhibits intact appearance and structural integrity both pre-test and post-test, with all measured currents within the specified normal range.

Sample Description

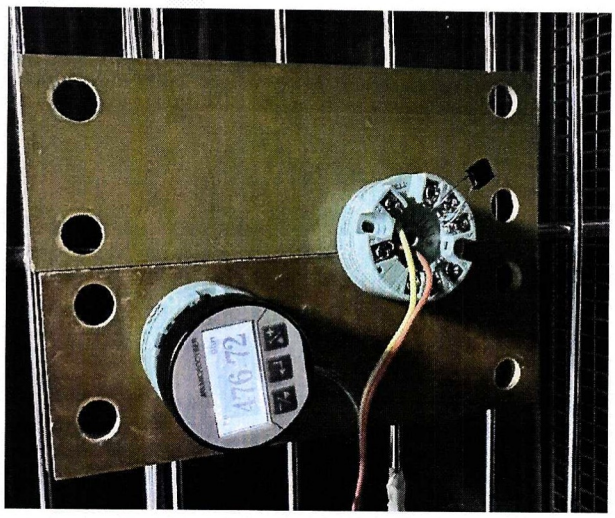

Figure 1 YP-2507033 real photo

Figure 2 YP-2507033 real photo

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3. **The report is invalid if altered.**
4. **The report shall not be reproduced except in full without approval of the laboratory .**
5. **The result in the report only applies to the sample as received.**
6. **Questions are available within 15 days after the report is issued. Overtime will be invalid.**
7. **The laboratory will not be responsible for data provided by a customer.**
8. **If the report is not marked by the CMA, it will be only used for research, teaching or internal quality control purposes.**

Address：NO.135, Chuangxin Road, Hunnan District, Shenyang
Tel：024-23970153
Postcode：110169