

TEST REPORT

No. : GZMR240802334702

Date : Aug 15, 2024

Page: 1 of 5



CUSTOMER NAME: NORCOMP
ADDRESS: 3810 SHUTTERFLY RD., SUITE #200, CHARLOTTE, N.C. 28217,
U.S.A.

Sample Name : M12 // F// 8P // REAR PANEL // XCODE ROTATED// RA
Model No. : 861-X08-213R0R4 / IP69K box
Material No. : 861-X08-213R0R4 / IP69K box
Manufacturer : NORCOMP

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

SGS Ref. No. : SZRL2408006402EN
Date of Receipt : Aug 09, 2024
Testing Start Date : Aug 09, 2024
Testing End Date : Aug 15, 2024
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services Co., Ltd. Guangzhou Branch

Gary Bai
Authorized signatory



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Guangzhou Branch
Guangzhou Branch Measurement Laboratory

□ No.198, Kazhu Road, Science City Economic & Technology Development Area, Guangzhou, Guangdong, China □ Room 101, Building 3, No.1501, Kaichuang Avenue, Huangpu District, Guangzhou, China t(86-20) 82155555 www.sgs.com.cn
中国·广东·广州高新技术产业开发区科学城珠路198号 中国·广东·广州市黄埔区开创大道1501号3栋101房 t(86-20) 82155555 sgs.china@sgs.com

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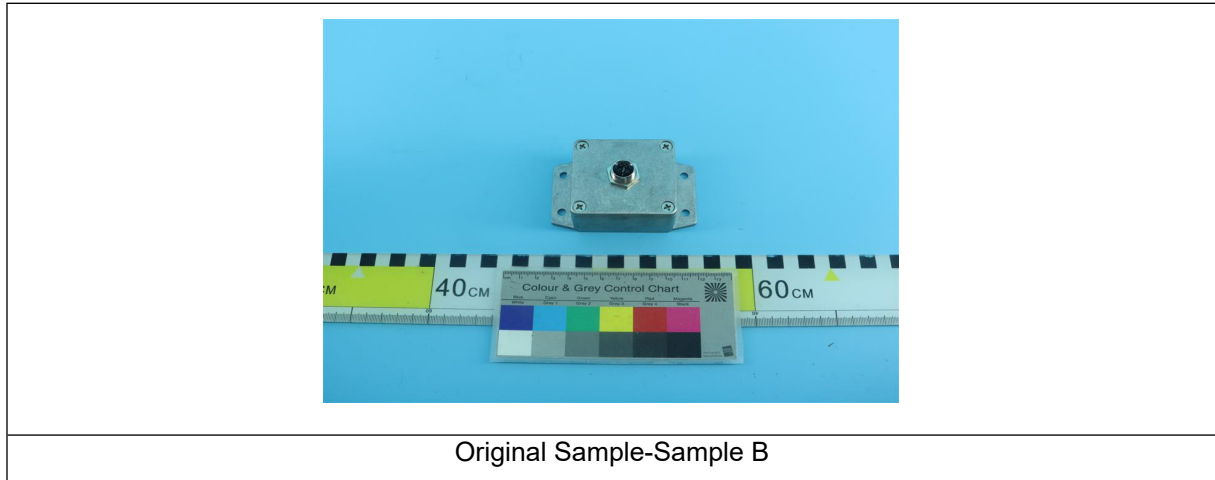
Page: 2 of 5

Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	IPX9K	ISO 20653:2023	No visual ingress of water	Pass
2	IP6KX	ISO 20653:2023	No visual ingress of dust	Pass

Note: Pass : Meet the requirements;
 Fail : Does not meet the requirements;
 / : Not Apply to the judgment.

Original Sample Photo:



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□ No.198, Kaifu Road, Science City Economic & Technology Development Area, Guangzhou, Guangdong, China □ Room 101, Building 3, No.1501, Kaichang Avenue, Huangpu District, Guangzhou, China t(86-20) 82155555 www.sgs.com.cn
 中国·广东·广州高新技术产业开发区科学城科珠路198号 中国·广东·广州市黄埔区开创大道1501号3栋101房 t(86-20) 82155555 sgs.china@sgs.com

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1. Test Item: IPX9K

Sample Description: Finished product

Test Method: ISO 20653:2023

Test Condition

Turntable speed: (5±1) r/min

Water flow: (14~16) l/min

Water pressure: approx. (8000~10000) kPa

Water temperature: (80±5) °C

Test position: 0°, 30°, 60°, 90°

Test distance from jet to Sample: (100~150) mm

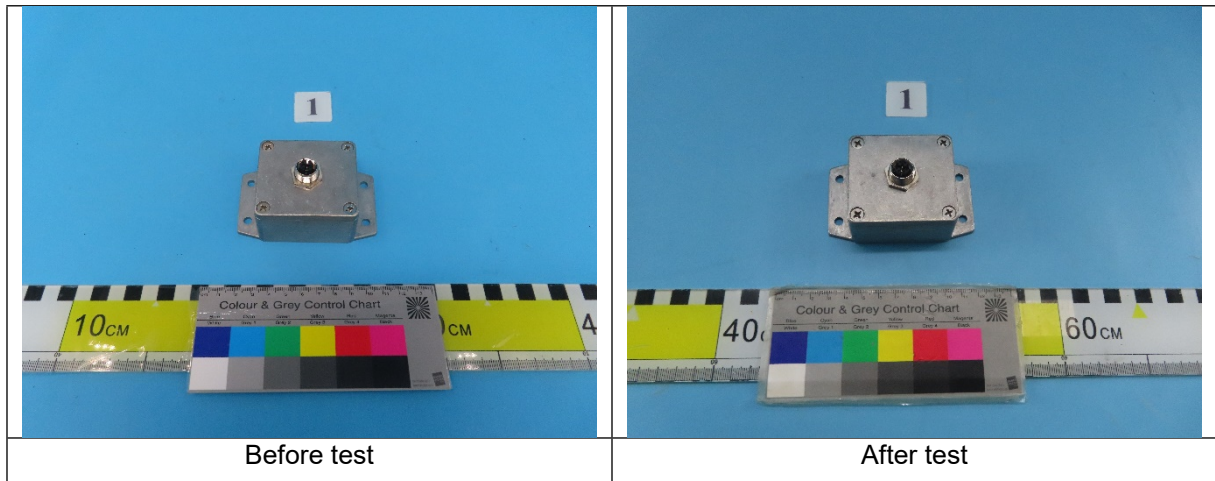
Test duration: 30 s/position

Lab Environment Condition: 18°C ~ 28°C, 25%RH ~ 75%RH

Test Result:

Specimen No.	Result	Client's requirement	Conclusion
B-1	No visual ingress of water	No visual ingress of water	Pass

Test Photo:



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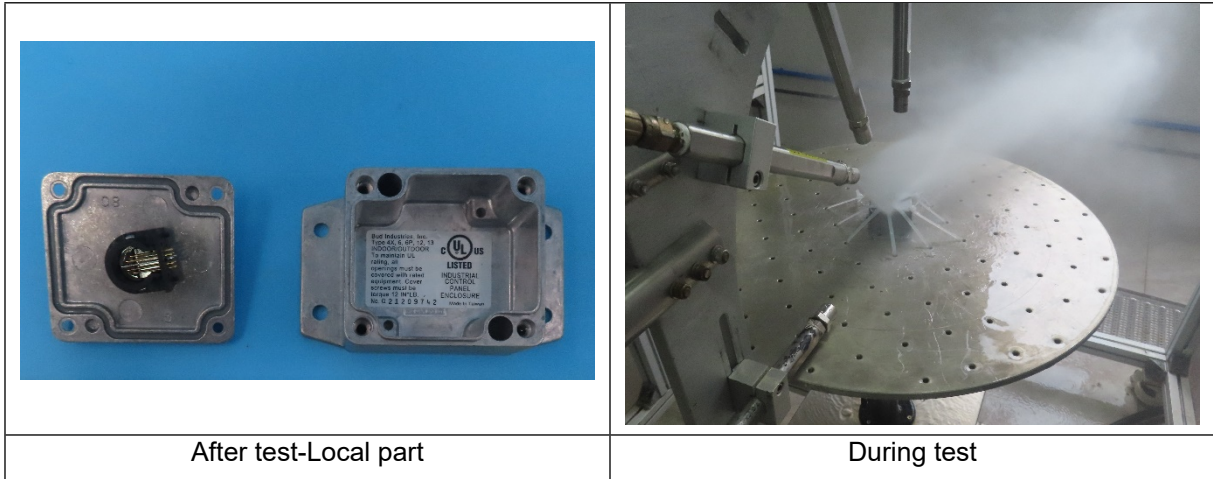
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 Room 101, Building 3, No.1501, Kaichuang Avenue, Huangpu District, Guangzhou, China
 t:(86-20) 82155555
 www.sgsgroup.com.cn
 中国·广东·广州高新技术产业开发区科学城科珠路198号
 中国·广东·广州市黄埔区开创大道1501号3栋101房
 t:(86-20) 82155555
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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Waterproof tester	IPX9K	GZMR-RL-E188	2024-03-06	2025-03-05

2.Test Item: IP6KX

Sample Description: Finished product

Test Method: ISO 20653:2023

Test Condition:

Test Dust: Arizona Dust (A2)

Dust Concentration: 2 kg/m³ chamber volume and be kept in suspension during the test

Operation Method: 6 s movement of the air/dust mixture, 15 minutes break

Test Cycle: 20 cycles

Lab Environment Condition: 15°C~35°C,25%RH~75%RH

Test Result:

Specimen No.	Result	Client's requirement	Conclusion
B-2	No visual ingress of dust	No visual ingress of dust	Pass



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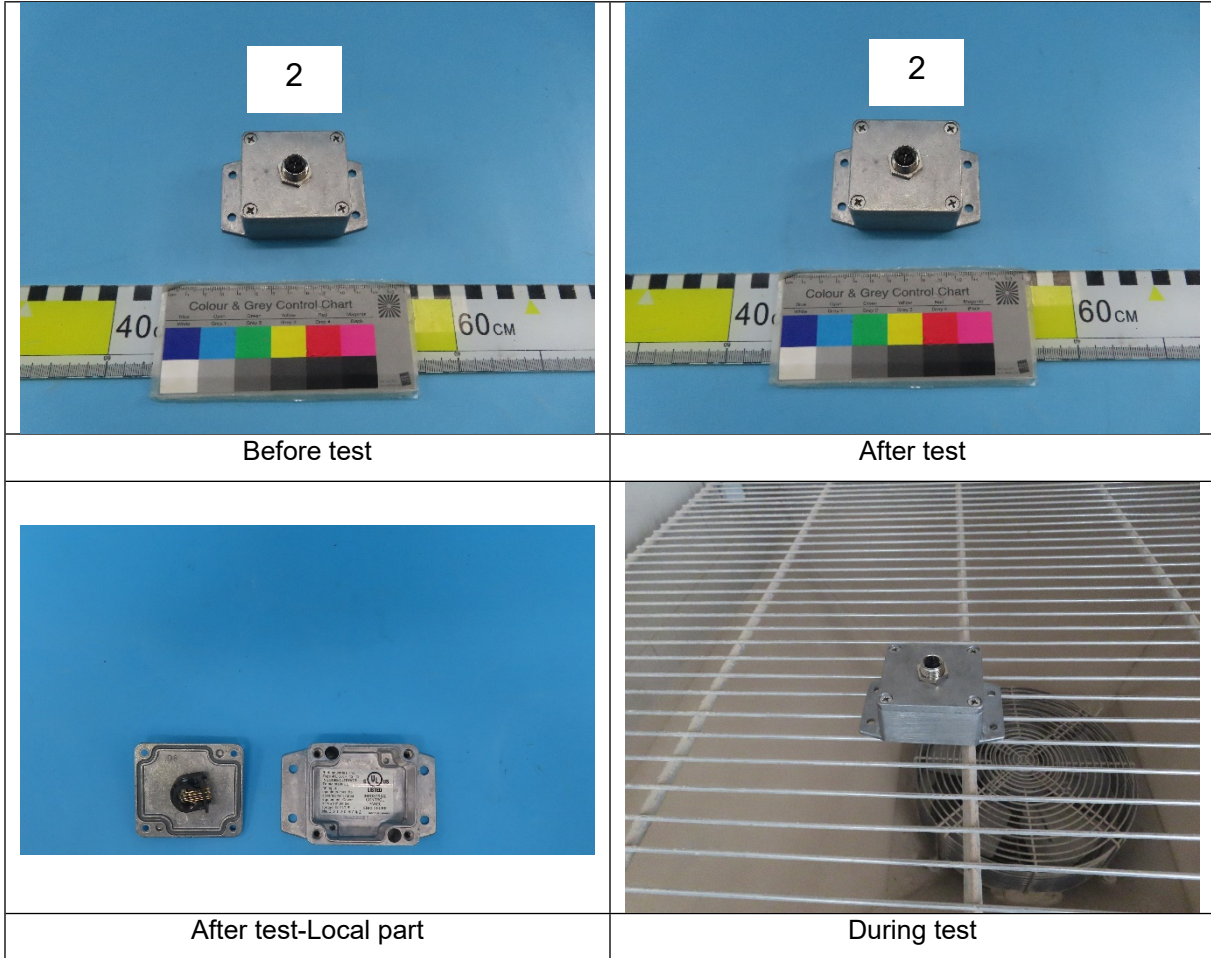
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Test Photo:



Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Sand and dust test chamber	MS-SC-010	GZMR-RL-E119	2024-05-20	2025-05-19

Appendix information:

*Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

***** End of report*****



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 t:(86-20) 82155555
 www.sgs.com.cn
 中国·广东·广州高新技术产业开发区科学城科珠路198号
 中国·广东·广州市黄埔区开创大道1501号3栋101房
 t:(86-20) 82155555
 sgs.china@sgs.com