

Test Report

Report No. : SUER241000112071 **Release date**.....: 2024-11-19

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Laboratory name and address..... : SGS-CSTC Standards Technical Services Co.,Ltd. Suzhou Branch
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Product Description..... : HYGIENIC DESIGN STAINLESS STEEL CABLE GLAND

Product Model No : CG-M20

S/N No...... : -

Sample status : Normal

Sample receipt date : 2024-11-08

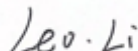
Date of Test : 2024-11-08 to 2024-11-14

Test Standard..... : See following pages

Conclusion : See following pages

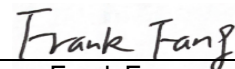
Remark /Note : 1) The test results presented in this report relate only to the object tested.
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3) The test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc... and just for client internal reference.

Tested by:



Leo Li

Approved by:



Frank Fang

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Summary of Results

No	Test Item	Test Standard	Conclusion	Sample number
1	IP6X Dustproof Test	IEC 60529:1989/AMD2:2013/COR1:2019 Degrees of protection provided by enclosures (IP Code)	Pass	SUER2410001120CO M1
2	IPX8 Test	IEC 60529:1989/AMD2:2013/COR1:2019 Degrees of protection provided by enclosures (IP Code) & Client's requirements	Pass	SUER2410001120CO M2

Note: Pass: Meet the requirements;

Fail: Does not meet the requirements;

/: Not apply to the judgment.

Test site:

Item 1: No.588 West Jindu Road, Xinqiao, Songjiang, Shanghai, China

Item 2: 198 Kezhu Road, Sciencetech Park, Economic&Technical Development District, Guangzhou, China

1. Test Item: IP6X Dustproof Test

Environmental requirement:

Ambient Temperature: (15~35) °C; Relative Humidity: (25~75) %RH; Atmos: (86~106) kPa.

Reference standard:

IEC 60529:1989/AMD2:2013/COR1:2019 Degrees of protection provided by enclosures (IP Code)

Test condition:

Simulated dust: Talcum powder

Maximum depression: 2 kPa

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

Extraction rate: The extraction rate of 40 to 60 volumes per hour

Test duration: 2 h

Test acceptance requirements:

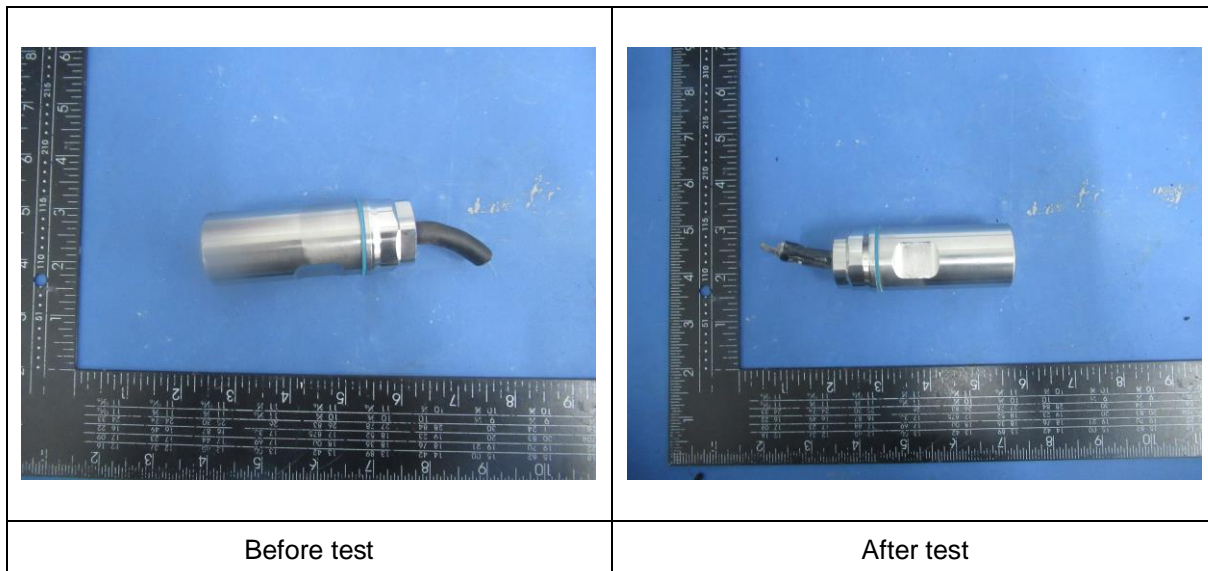
After test, there should be no visible dust ingress.

Test result:

Sample Number	Test Result
SUER2410001120CO M1	After test, there was no visible dust ingress.

Conclusion: Pass

Photographs of the Test Configuration





After test-Disassembly inspection



During test

2. Test Item: IPX8 Test

Environmental requirement:

Ambient Temperature: (15~35) °C; Relative Humidity: (25~75) %RH; Atmos: (86~106) kPa.

Reference standard:

IEC 60529:1989/AMD2:2013/COR1:2019 Degrees of protection provided by enclosures (IP Code) & Client's requirements

Test condition:

Depth: 60m (0.5 m water depth and 0.595 MPa air pressure)

Test duration: 30 min

Test acceptance requirements:

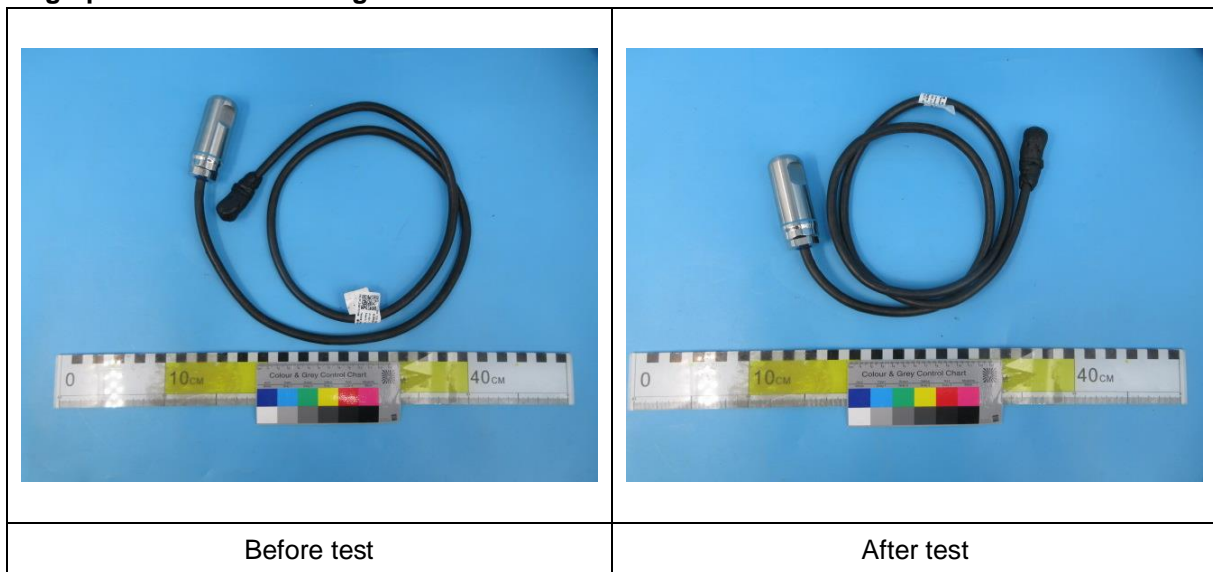
No visual ingress of water.

Test result:

Sample Number	Test Result
SUER2410001120CO M2	No visual ingress of water.

Conclusion: Pass

Photographs of the Test Configuration



<p>After test-Disassembly inspection</p>	<p>During test</p>
<p>During test</p>	<p>During test</p>

Testing Instrument and Equipment

Equipment	Model	Equipment No.	Calibration Date	Next Calibration Date
Dust chamber	JYSD-500	SHES806101	2023-12-23	2024-12-22
Digital temperature and humidity meter	175H1	SHES201708	2024-01-13	2025-01-12
Non-contacting infrared thermometer	UT301A	GZMR-RL-E156	2024-03-20	2025-03-19
Waterproof tester	IPX8	GZMR-RL-E136	2024-03-06	2025-03-05

-----End of Report-----