



TEST REPORT

Report No : THSH18122416508-EN Date: Jan. 04, 2019

Applicant : Shanghai Dingxi Automation Technology Co., Ltd.
Room 674, Building 2, 1690 Jiahao Road, Nanxiang Town, Jiading District

Sample Description : Rotary encoder

Model No. : DXM58 Series , DXM38 Series

Date Received : Dec. 24, 2018

Test Period : Dec. 26, 2018 to Jan. 03, 2019

Test Requested : IP68

Test Method : As specified in IEC 60529:1989+A1:1999+A2:2013

Conclusion : Pass

Authorized Signature:  *Shi Lei*
on behalf of
Shanghai Global Testing Services Co., Ltd.
Shi Lei/Kevin
General Manager -GTS/SHO

TEST REPORT

Report No : THSH18122416508-EN

Date: Jan. 04, 2019

Sample Photo



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TEST RESULT

No.	Test Item	Test Method	Result
1	IP6X	IEC 60529:1989+A1:1999+A2:2013	PASS
2	IPX8	IEC 60529:1989+A1:1999+A2:2013	PASS

1. Test Item: IP6X Dust proof

Test Method: IEC 60529:1989+A1:1999+A2:2013 Degrees of protection provided by enclosures (IP 6X)

Test Setup: Dust-proof chamber, Model No. SC-010

Environment: 24°C, 53%RH, 103kPa

Test Conditions:

- 1) Maximum depression : 2kPa.
- 2) Test period: 8 hours
- 3) Extraction rate: 40 volumes per hour

Test Result:

Sample Name	Test Results
Rotary encoder	No dust observed inside the test sample

Sample Photo(s) during the test:



TEST REPORT

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Sample Photo(s) after the test:



2. Test Item: IPX8 Water proof

Test Method: IEC 60529:1989+A1:1999+A2:2013 Degrees of protection provided by enclosures (IP X8)

Test setup: Water proof test apparatus, No. IPX1-8

Environment: 26°C, 53%RH, 103.5kPa

Test Conditions: 1) Depth of water: 1m
2) Test period: 1h

Test Result:

Sample Name	Test Results
Rotary encoder	No water entered the cavity of sample after this test



TEST REPORT

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Sample Photo(s) during the test:



Sample Photo(s) after the test:



*****End of Report*****