



**CENTRE OF TESTING SERVICE
INTERNATIONAL**

OPERATE ACCORDING TO ISO/IEC 17025

TEST REPORT

TEST REPORT NUMBER : CGZ3150825-02564-L

CTS (Ningbo) Testing Service Technology Co., Ltd.
Fl.2 South Huoju Building, No.181 Canghai Rd., Jiangdong High-tech Park,
Ningbo, China



TEST REPORT

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Applicant..... : Brigade Electronics Group PLC
Address..... : Brigade House, The Mills, Station Road, South Darenth, Kent, DA4 9BD, United Kingdom
Contact: Bernd John;
TEL: +44-1322420310; FAX: +44-1322420343;

Manufacturer/ factory..... : ---
Sample Description..... : BN360-100C
Trade Mark..... : BRIGADE
Model/Type reference..... : BN360-100C
BN360-100C (XXX) (where the "X" can represent any character for any associated variant, bespoke system which can have software changes or customized settings).

Following identical model(s)
..... :
..... :

Taking/Receiving Date : 25 August 2015
Test Address..... : CTS (Ningbo) Testing Service Technology Co., Ltd. Fl.2 south Huoju Building, No.181 Canghai Rd., Jiangdong High-tech Park, Ningbo, China
Tel: +86-574-87912121 (16 lines)
Fax: +86-574-87907993

Test Date : 25 - 27 August 2015
Test Item* : IP69K rating according ISO 20653: 2013
Test Requested* : IP69K test
Test Results..... : See follow result
Note : All information was provided by the applicant or detected at the sample.
This report shall not be copied partly without the written approval of CTS.

Tested by:

Reviewed by:

Approved by:

Date:
27 August 2015

Date:
27 August 2015

Date:
27 August 2015

* --means the content is provided by applicant.

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1. Test results

No.	Test Sample Name	Test Item	Test Results	Verdict
1.	BN360-100C BN360-100C	1. First code element: 6K: Dust-tight test, The system always working, with underpressure 8h.	After Test, small amount of dust adhesion at the entrance of the wire and the gap of camera and connector housing, no deposit of dust inside camera and connector housing, it does not affect the function.	PASS
		2. Second code element 9K: High-pressure/steam-jet cleaning The system always working, with $80 \pm 5^{\circ}\text{C}$ water, 8000~10000 kPa; spray at 0° , 30° , 60° , 90° , 30s per position.	After Test, small amount of water vapours adhesion at the entrance of the wire and the gap of camera and connector housing, no entered in the camera and connector housing, it does not affect the function.	PASS
<p>Remark:</p> <ol style="list-style-type: none"> 1. First code element: 6K, Degree of protection requirements, dust shall not penetrate. 2. Second code element 9K: Degree of protection requirements, water which is directed against the enclosure from any direction shall not have any detrimental effect. 				

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