



TEST SUMMARY



LANGUAGE

English

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REV.	A	A	A	A	A	A													
SHEET	1	2	3	4	5	6													
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REVISE ON PC ONLY:		TITLE:	IP6X Testing of Din Bases, B14, B20, B23, B26 & B28		
A	Original Release by John Boland. 05/12/2012				
REV.	DESCRIPTION		FILENAME	SHEET	
DOCUMENT NUMBER STR-1467			STR-1467	1 of 6	



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1.0 SCOPE

IP6X testing of B14, B20, B23, B26 and B28, Din Bases.

2.0 REFERENCE DOCUMENTS AND SPECIFICATIONS

PS-121201, Rev E, PRODUCT SPECIFICATION FOR DIN VALVE CONNECTORS.

SD-121012-001, Rev B, B14 Series bases.

SD-121012-002, Rev B, B26 Series bases.

SD-121012-003, Rev B, B28 Series bases.

SD-121012-005, Rev A, B23 Series bases.

E-121012-013, Rev C, B20 base assembly.

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ES-40000-3996 REV. A SHEET 3 95/MAR/10 EC U5-0926 DCBRD03.LWP				



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3.0 TEST PROCEDURE

Test Group	Description	Mated connectors for test purpose	Quantity
TG 1	121012-0050 (B23)	121201-0001	2
	121012-0007 (B14)	121201-0001	2
	121012-0095 (B28)	121064-0674	2
	121012-0076 (B26)	121201-0001	2
	121012-0019 (B20)	121201-0001	2

Table 1: Quantities tested

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4.0 RESULTS

Test Ref	Item	Specification	Results	Comment
BP1	Dry Heat	125°C for 96 hours	Complete	
BP2	Cold	-40°C for 2 hours	Complete	
BP3	IP6X	No Dust Ingress B14 B20 B23 B26 B28	No Dust Ingress No Dust Ingress No Dust Ingress No Dust Ingress No Dust Ingress	Pass Pass Pass Pass Pass

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5.0 CONCLUSION

All series tested meet the requirements of PS-121201 for IP6X.

6.0 APPENDIX 1 – EQUIPMENT USED

Item	Equipment used
<i>IP6X Testing</i>	External Lab Particle Technology
<i>Dry Heat</i> <i>Cold</i>	WEISS SB1 160 Cal: 1035

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7.0 APPENDIX 2: TEST RIG SET-UP



Photograph 1: Test Rig Set-up

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