

MODIFICATION RECOMMENDED

34921A-01A

S E R V I C E N O T E

Supersedes: 34921A-01

34921A 40-channel armature multiplexer

Serial Numbers: MY44012623 – MY44013651

Relays may have contaminated contacts that can cause intermittent contact resistance in excess of 100 ohms.

Parts Required:

P/N 34921-60001 **Description** replacement 34921A module **Qty.** 1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS	LABOR: 0.5 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER <input type="checkbox"/> CHANNEL PARTNER	SERVICE INVENTORY: <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE: June 05, 2013	
<input type="checkbox"/> Calibration Required <input checked="" type="checkbox"/> Calibration NOT Required		PRODUCT LINE: BL AUTHOR: TP	
ADDITIONAL INFORMATION: Used parts are to be returned to factory for failure analysis.			

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Situation:

The relays (dark blue) used in these 34921A modules may have sulfide contaminated contacts that can cause intermittent contact resistance in excess of 100 ohms. This can affect two wire resistance measurements and can cause excessive voltage drop in sensitive signal routing applications.

Solution/Action:

If these symptoms are observed, contact Agilent Service for a replacement.

Note:

- New specifications apply to module replacement with serial number MY52490001/SG52490001 and above. Please refer to the 34980A datasheet in the product website (<http://www.agilent.com/find/34980A>) for latest specifications.
- If you use Y1131A verification software version 1.0, July 2005, please update to the latest version at the Y1131A product website (<http://www.home.agilent.com/en/pd-1383501-pn-Y1131A/verification-and-diagnostic-tools?nid=-33253.778753.00&cc=US&lc=eng>) to test to the latest specifications.

Revision History:

Revision Number	Date	Author	Reason For Change
2.0	6/7/13	TP	Updated Used Parts requirement