REV NO.	TITLE
68A944561	TEST INSTRUCTIONS ANALOG VOLTAGE SENSOR
CONT ON SHEET FL. SH NO. 1	FIRST MADE FOR IC3622AVSB1

REVISIONS

I. EQUIPMENT

A. ± 50 VDC SUPPLY
B. 0-10VDC SUPPLY
C. DIGITAL VOLTMETER
D. 1K 2W RESISTOR

II. PROCEDURE

A. COMMON MODE OUTPUT ERROR NULL
1. CONNECT P6 AND P10 TO P2
2. CONNECT ± 50 VDC SUPPLY
3. CONNECT DVM FROM P18 TO P2
ADJUST R16 UNTIL DVM READS 0.00 ± 1 MV
4. CONNECT DVM FROM P34 TO P2
ADJUST R21 UNTIL DVM READS 0.00 ± 1 MV

B. OUTPUT BOLTAGE TEST
1. REMOVE P6 TO P2
2. APPLY 8.000 V ± 1 MV FROM P6 TO P2
3. CONNECT DVM FROM P34 TO P2
4. VARY R18 OVER ITS FULL RANGE AND OBSERVE THAT THE VDM READING VARIES FROM + 12V TO + 22V
5. CONNECT P6 TO P2
6. REMOVE P10 TO P2
7. APPLY 8.000 V ± 1 MV FROM P10 TO P2
8. REPEAT #4 WITH VOLTAGE -12 TO -22V
9. SET R18 SUCH THAT THE DVM READS -15.00 V

C. OUTPUT CURRENT TEST
1. CONNECT P10 TO P2
2. APPLY 8.000 V ± 1 MV FROM P6 TO P2
3. CONNECT DVM FROM P34 TO P2
4. CONNECT A 1K 2W RESISTOR FROM P34 TO PL
5. VERIFY THAT THE DVM READS 15.00 V
6. REMOVE CONNECTION FROM P2 TO P10
7. CONNECT PIN P6 TO P2
8. APPLY 8.000 ± 1 MV FROM P10 TO P2
9. VERIFY THAT THE DVM READS-15.00 V

6V
1338
P6A
PL

PRINTS TO

MADE BY	APPROVALS		
M. A. CONNER	MSM/mmc	SALEM, VIRGINIA DIV OR DEPT.	68A944561
ISSUED April 7, 1972		INDUSTRY CONTROL LOCATION	CONT ON SHEET FL. SH NO. 1