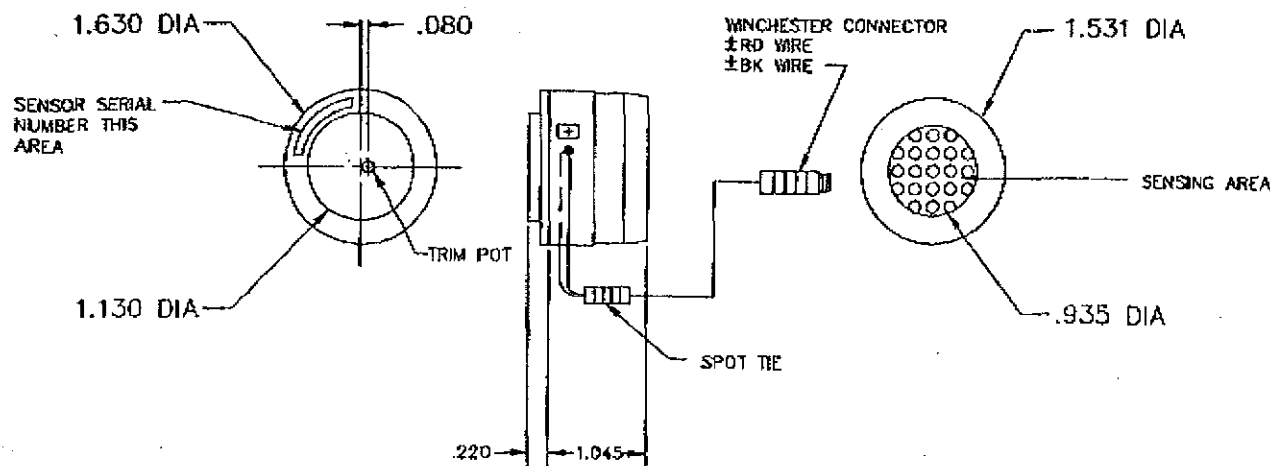


Q/A	ISSUE NO.	DATE	REVISION/NO.	CHG.
	1.	9/29/91	INIT. RLSE.	67



R-10 SPECIFICATIONS

1. OUTPUT IN AIR SET TO 25 $\pm$ 2 MV INTO A 6K LOAD AT SETTING TEMPERATURE PRESSURE.
2. RANGE 0-100% OXYGEN (0-1 ata P02).
3. RESPONSE TIME: 90% IN 30 SEC @ 25 DEG C.
4. OPERATING TEMPERATURE RANGE: 0-40 DEG C (32-104 DEG F).
5. CELL WARRANTY 12 MONTHS. EXPECTED LIFE IN EXCESS OF 13 MONTHS.
6. HUMIDITY 0 TO 95% RH.
7. STORAGE TEMPERATURE 0 DEG TO 50 DEG C (32 DEG TO 122 DEG F).
8. ACCURACY WITHIN $\pm$ 2% OF FULL SCALE AT CONSTANT TEMPERATURE AND PRESSURE. $\pm$ TBA OVER THE OPERATIONAL TEMPERATURE.
9. OFFSET VOLTAGE: LESS THAN 0.25 MILLIVOLT IN N2 AT 25 DEG C AT 1 ata.
10. LOAD 6K

NOTES:

1. ALL COMPONENTS ARE COMMERCIAL GRADE. TO BE ASSEMBLED USING GOOD MANUFACTURING PRACTICES AND TAI QUALITY ASSURANCE PROCEDURES.
2. ASSEMBLY TO BE MANUFACTURED WITH NON-MAGNETIC MATERIALS. VERIFICATION OF MAGNETIC SIGNATURE BY OTHERS.
3. ASSEMBLY MAY CONTAIN PVC, POLYETHYLENE OR RTV (SILICONE RUBBER) MATERIALS.
4. ALL SOLDERING WILL BE DONE IN ACCORDANCE WITH TAI SOLDERING PROCEDURE P3.3.
5. NAVSEA DWG NO. 6195835, 6195888, 6195889, 6196145, 619644, 6196143, SHALL BE USED AS REFERENCE DOCUMENTS ONLY. TAI TAKES EXCEPTION TO ALL MIL-SPEC STANDARDS AND FAR CLAUSES REFERENCED IN THESE DOCUMENTS.
6. ABOVE ASSEMBLY TO BE PACKAGED IN A 4 X 5" GAS BARRIER BAG AND HOUSED IN A GLASS JAR WITH FOAM PADDING ON ALL SIDES (NOT SHOWN). REF TAI DRAWING B-38204-R10.
7. THE ABOVE NOTES ARE AN INTEGRAL PART OF THE SPECIFICATIONS AND CANNOT BE ALTERED WITHOUT THE WRITTEN PERMISSION OF TELEDYNE.

TAI REFERENCE DWG B-38204-R10

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DO NOT SCALE DWG DOC X $\pm$.01 JOK $\pm$.02 JOK $\pm$.03 BREAK EDGES .02		TELEDYNE ANALYTICAL INSTRUMENTS CITY OF INDUSTRY, CALIFORNIA 91748	
OXYGEN FUEL CELL CLASS R10 SPEC CONTROL DWG.		C-54961 REV 1	