

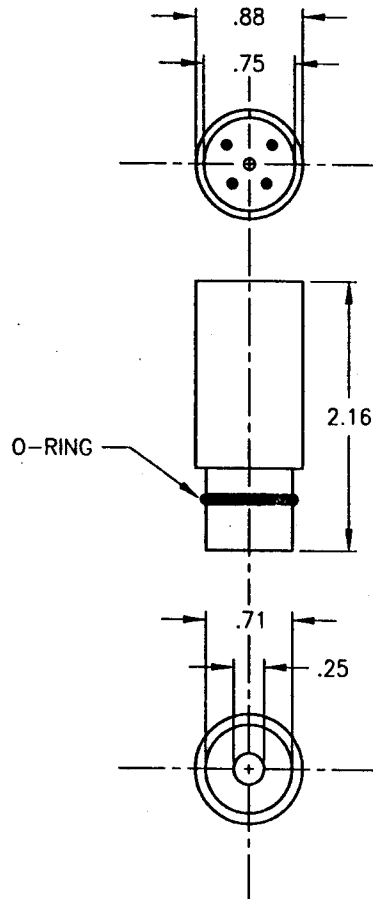
NOTES: UNLESS OTHERWISE SPECIFIED.

1. LABEL A-39637 BLACK (REVERSE PRINT).
2. ASSEMBLE PACKAGE IN A GAS BARRIER BAG.

TELEDYNE ELECTRONIC TECHNOLOGIES
ANALYTICAL INSTRUMENTS

MAY 20 1997

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REVISIONS

REV	DESCRIPTION	DATE	APP.	REV. BY
0	GEN PER ECO# 96-666	4-16-97	21.8	--

SPECIFICATIONS

1. OUTPUT - $(0.4 \pm 0.1 \text{ MV})$ IN AIR AT 25°C, SEA LEVEL.
2. RANGE - 0-100% OXYGEN.
3. ACCURACY - WITHIN $\pm 2\%$ OF FULL SCALE AT CONSTANT TEMPERATURE AND PRESSURE.
4. TEMPERATURE COMPENSATION ERROR IS $\pm 5\%$ OF FULL SCALE OVER THE OPERATING TEMPERATURE RANGE. WORST CASE TRACKING ERROR (WITHIN THE FIRST HOUR AFTER A MAXIMUM TEMPERATURE STEP) IS $\pm 10\%$ OF FULL SCALE WHEN CONNECTED TO PROPER AMPLIFIER CIRCUIT.
5. RESPONSE - LESS THAN 6 SECONDS FOR 90% OF FINAL VALUE.
6. OFFSET - LESS THAN 0.5% OXYGEN EQUIVALENT AT 25°C (77°F) IN ZERO GAS AFTER 36 SECONDS.
7. HUMIDITY - 0 TO 99% R.H. (NON-CONDENSING).
8. OPERATING TEMPERATURE RANGE - 0 TO 40°C (32 TO 104°F).
9. STORAGE TEMPERATURE - 0 TO 50°C (32 TO 122°F).
10. EXPECTED CELL LIFE - 12 MONTHS IN AIR AT 25°C & 50% R.H..
11. WEIGHT - 0.53 oz. (15 GRAMS).

ITEM	QTY	PART No.	DESCRIPTION
BILL OF MATERIAL			
DO NOT SCALE DWG		THIS DRAWING IS THE PROPERTY OF TELEDYNE ANALYTICAL INSTRUMENTS AND CONTAINS CONFIDENTIAL INFORMATION. IT IS NOT TO BE COPIED, REPRODUCED OR USED WITHOUT WRITTEN PERMISSION.	
TOLERANCE UNLESS OTHERWISE SPECIFIED: ANGULAR $\pm 1/2^\circ$		Teledyne Analytical Instruments A business unit of Teledyne Electronic Technologies CITY OF INDUSTRY, CALIFORNIA 91748	
LINEAR <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> $\begin{matrix} .X \\ .XX \\ .XXX \end{matrix}$ </div> <div> $\begin{matrix} = \pm .1 \\ = \pm .02 \\ = \pm .010 \end{matrix}$ </div> </div>			
SIGNATURES		DATE	TITLE
N/	DRFT: JOHN REYES	07/23/96	MICRO-FUEL CELL CLASS R13 SPEC. CONTROL DWG.
I/	CHK:		
P/	APPR:		
O/	ENGR: M. GONZALEZ		
F/	S.O.:		
REFERENCE	CAD I.D. B66808-0		
MATERIAL		NOTED	DWG NO. B-66808
			SCALE NONE
			SIM NONE
			SHEET 1 OF 1
			REV 0