

NOTES: UNLESS OTHERWISE SPECIFIED

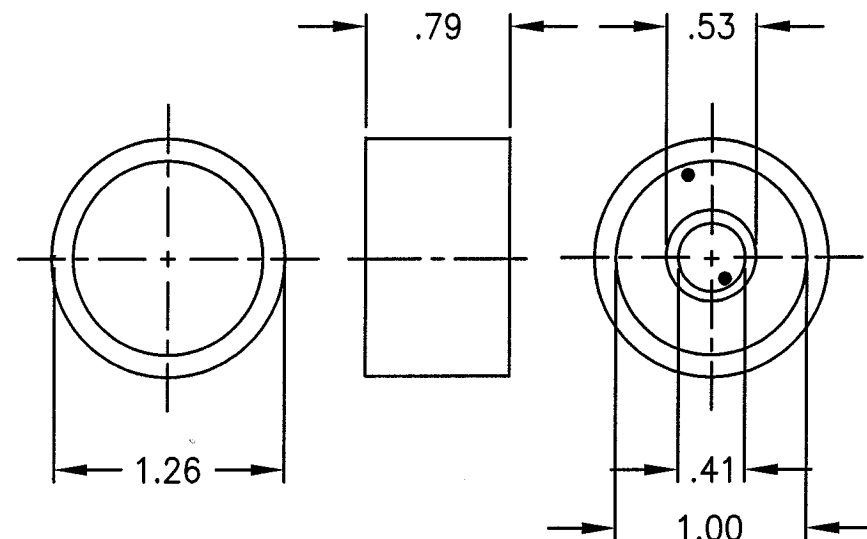
1. LABEL A-10084-F (RED).
2. BACKPLATE POLARITY:
CENTER FOIL NEGATIVE (-)
OUTER FOIL POSITIVE (+)
3. ASSEMBLY PACKAGED IN A GAS BARRIER BAG.

REVISIONS

REV	DESCRIPTION	DATE	APP.	REV. BY
3	ECO# 96-0713	6/11/97	MG	JCR
4	INC ECO 98-0333	7-7-98	JML	VF

SPECIFICATIONS

1. OUTPUT $210 \pm 50\text{mA}$ IN AIR AT 25°C & AT SEA LEVEL.
2. RANGE 0-100% OXYGEN (MAX), 0-1% OXYGEN (MIN).
3. ACCURACY WITHIN $\pm 1\%$ OF FULL SCALE AT CONSTANT TEMPERATURE AND PRESSURE.
4. 90% RESPONSE TIME ≤ 30 SECONDS FOR 90% OF FINAL VALUE.
5. OFFSET $\leq 0.5\%$ OXYGEN EQUIVALENT AT 25°C (77°F) IN ZERO GAS AFTER 3 MINUTES.
6. HUMIDITY - 0-99% RH (NON-CONDENSING).
7. OPERATING TEMPERATURE RANGE $0^{\circ}\text{--}40^{\circ}\text{C}$ ($32^{\circ}\text{--}104^{\circ}\text{F}$)
8. TEMPERATURE COEFFICIENT OF $2.5\%/^{\circ}\text{C}$ AT 25°C .
9. STORAGE TEMPERATURE - $0\text{--}50^{\circ}\text{C}$ ($32\text{--}122^{\circ}\text{F}$).
10. AVG EXPECTED LIFE IN AIR @ 25°C AND 50% RH = 18 MONTHS.
11. WEIGHT - .9oz. (26gm).



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 ELECTRONIC TECHNOLOGIES <i>Analytical Instruments</i> An Allegheny Teledyne Company CITY OF INDUSTRY, CALIFORNIA 91748		
LINEAR $\begin{cases} X & = \pm .1 \\ XX & = \pm .02 \\ XXX & = \pm .005 \end{cases}$					
S/	SIGNATURES				DATE
N/	DRFT: M.VENEGAS				5/17/93
P/	CHK:				
I/	APPR:				
F/	ENGR: JAT LAUER				
O/	S.O.:				
REFERENCE	CAD I.D. A59451-4				
TITLE			SCALE NONE SIM ----- SHEET 1 OF 1		
MATERIAL			NOTED DWG NO. A-59451 REV 4		
SPEC CONTROL DWG OXYGEN SENSOR CLASS C-3					