

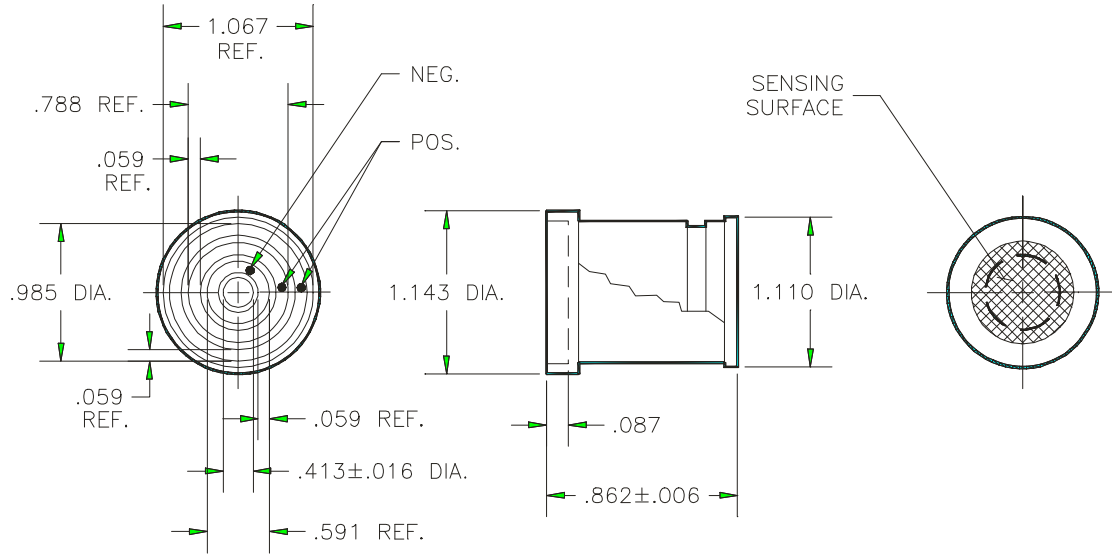
NOTES: UNLESS OTHERWISE SPECIFIED.

1. LABEL P/N A-41010 OR PER CUSTOMER SPECIFICATION.
2. BACKPLATE POLARITY:
CENTER FOIL NEGATIVE (-).
MIDDLE & OUTER FOIL POSITIVE (+), ONE FOR EACH CATHODE.
3. ASSEMBLY TO BE PACKAGED IN GAS BARRIER BAG (INCLUDING INSTRUCTION CARD FOR REMOVING SHORTING DEVICE).

SPECIFICATIONS

1. OUTPUT $30 \pm 6\mu\text{A}$ (EACH CATHODE) IN AIR AT 25°C & AT SEA LEVEL.
2. RANGE 0-100% OXYGEN.
3. ACCURACY WITHIN $\pm 1\%$ OF FULL SCALE AT CONSTANT TEMPERATURE AND PRESSURE.
4. 90% RESPONSE TIME LESS THAN 20 SECONDS.
5. OFFSET: LESS THAN 0.5% OF OXYGEN EQUIVALENT AT 25°C (77°F) IN ZERO GAS AFTER 2 MINUTES
6. CROSS INTERFERENCE: LESS THAN 1.25% O₂ RESPONSE TO: 6% HALOTHANE, 6% ISOFLURANE, 6% ENFLURANE 7% SEVOFLURANE, 20% DESFLURANE, IN 30% O₂/70% N₂O MIXTURE.
7. HUMIDITY 0-99% RH, NON-CONDENSING
8. OPERATING TEMPERATURE RANGE 0° - 40°C (32° - 104°F).
9. TEMPERATURE COEFFICIENT OF $2.5\%/^{\circ}\text{C}$ AT 25°C .
10. STORAGE TEMPERATURE: 0° - 50°C (32° - 122°F).
11. AVG. EXPECTED LIFE: 36 MONTHS IN AIR @ 25°C AND 50% RH.
12. WEIGHT: .9oz. (26gm).
13. LOAD: 10K REQUIRED.

REVISIONS				
REV	DESCRIPTION	DATE	APP.	REV. BY
0	INIT REL ECO 96-1112	11 1 96	JML	VF
1	INC. ECO# 97-0378	5-16-97	M.G.	M.V.



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 $\begin{cases} .X & = \pm .1 \\ .XX & = \pm .02 \\ .XXX & = \pm .010 \end{cases}$			
S/	SIGNATURES	DATE	TITLE
N/	DRFT: VFig	10/25/96	SPEC. CONTROL DWG. OXYGEN SENSOR CLASS R23
I/	CHK:		
P/	APPR:		
O/	ENGR: J. LAUER		
F/	S.O.:		
REFERENCE	CAD I.D. B67391-1	MATL.	DWG NO. B-67391
			SCALE _____
			SIM
			SHEET 1 OF 1
			REV 1