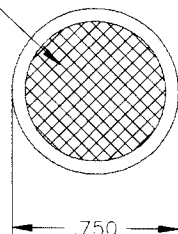


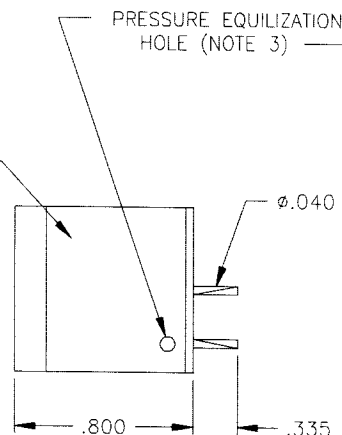
NOTES: UNLESS OTHERWISE SPECIFIED.

1. LABEL PER CUSTOMER SPECIFICATION. NOTE: WHEN NOT SPECIFIED, STANDARD LABEL IS USED.
2. CONTACT POLARITY: (CENTER)-NEGATIVE(-)
(SIDE)- POSITIVE(+)
3. SENSING SURFACE AND PRESSURE EQUALIZATION HOLE SHOULD BE AT THE SAME SAMPLING PRESSURE. PRESSURE EQUALIZATION HOLE SHALL NOT VARY MORE THAN ± 0.050 FROM POSITION SHOWN (FROM CELL TO CELL)
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.
5. SERIAL NUMBER TO BE LOCATED ON LABEL.
6. ASSEMBLY TO BE PACKAGED IN A GAS BARRIER BAG.

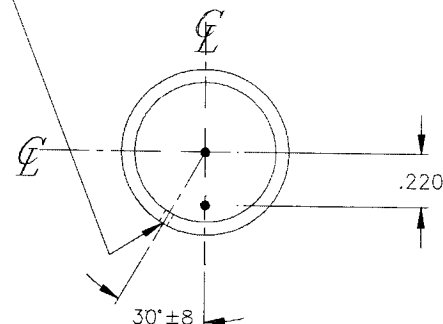
SENSING AREA



LABEL



PRESSURE EQUALIZATION HOLE (NOTE 3)



SPECIFICATIONS:

1. OUTPUT - 10 ± 3 MV IN AIR AT 25°C, SEA LEVEL.
2. RANGE - 0-2 ATMOSPHERES PO₂ (MAX), 0-1% OXYGEN (MIN).
3. RESPONSE TIME - LESS THAN 10 SEC. FOR 90% OF FINAL VALUE.
4. OPERATING TEMP. RANGE - 0° TO 40°C (32° TO 104°F)
5. AVG. EXPECTED CELL LIFE - 15 MONTHS IN AIR @25°C AND 50% RH.
6. STORAGE TEMPERATURE - 0° TO 50°C (32° TO 122°F).
7. HUMIDITY - 0 TO 99% RH (NON-CONDENSING)
8. ACCURACY - WITHIN $\pm 1\%$ OF FULL SCALE
AT CONSTANT TEMPERATURE & PRESSURE (SEE NOTE 4 FOR TEMPERATURE COMPENSATION ERROR.)
9. WEIGHT - 0.40 OZ. (11.2 GM)
10. OFFSET - LESS THAN 0.5% OXYGEN EQUIVALENT AT 25°C (77°F)
IN ZERO GAS AFTER 1 MINUTE.
11. CELL IMPEDANCE - 180 OHMS.

REVISIONS

REV	DESCRIPTION	DATE	APP.	REV. BY
4	ECO# 96-016	01/09/96	JML	TS
5	ECO# 96-0713	6-11-97	M.G.	JCR

DO NOT SCALE DWG

TOLERANCE UNLESS OTHERWISE SPECIFIED: ANGULAR $\pm 1/2^\circ$

LINEAR $\begin{cases} .X & = \pm .1 \\ .XX & = \pm .02 \\ .XXX & = \pm .005 \end{cases}$

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Teledyne Analytical Instruments

A business unit of Teledyne Electronic Technologies

CITY OF INDUSTRY, CALIFORNIA 91748

SIGNATURES

DATE

TITLE

N/	DRFT: L. GARCES	12/28/95
I/	CHK:	
P/	APPR:	
O/	ENGR: JAY LAUER	
F/ B-43832	S.O.:	
REFERENCE	CAD I.D. B43953-5	

SPEC CONTROL DWG
OXYGEN SENSOR
CLASS K-1

MATL.

POLYETHYLENE HOUSING

DWG NO.

B-43953

REV

5

SCALE 2:1

SIM NONE

SHEET 1 OF 1