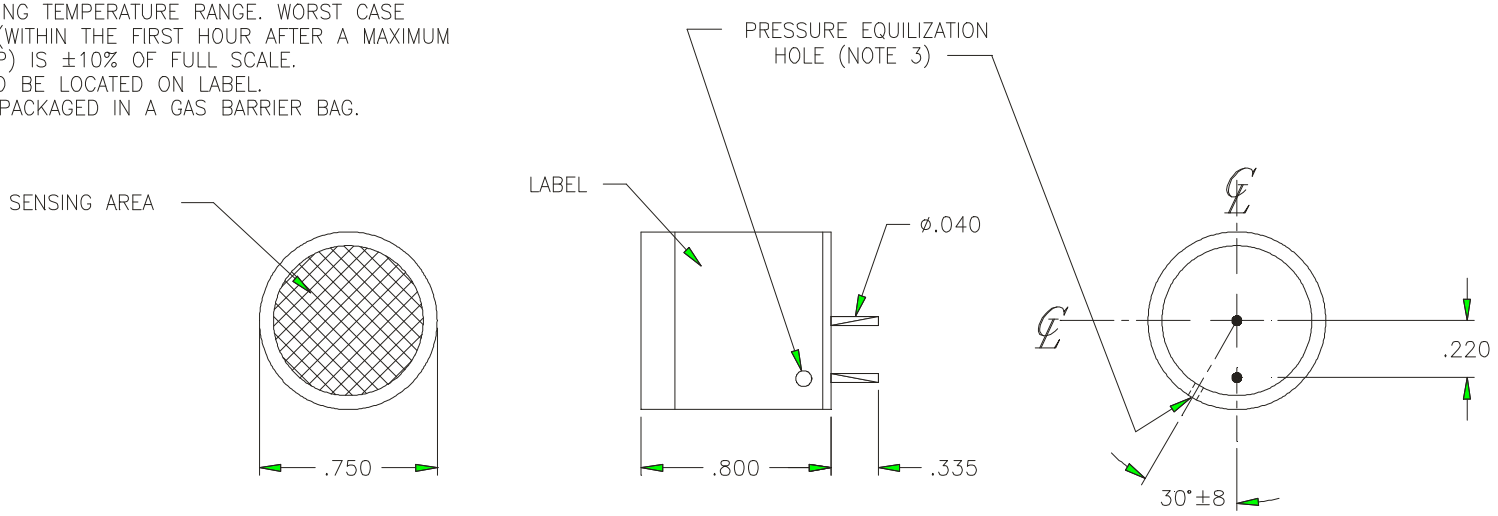
NOTES: UNLESS OTHERWISE SPECIFIED.

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 EQUILIZATION HOLE SHALL NOT VARY MORE THAN ±.050 FROM POSITION SHOWN (FROM CELL TO CELL)
4. TEMPERATURE COMPENSATION ERROR IS ±5% OF FULL SCALE OVER THE OPERATING TEMPERATURE RANGE. WORST CASE TRACKING ERROR (WITHIN THE FIRST HOUR AFTER A MAXIMUM TEMPERATURE STEP) IS ±10% OF FULL SCALE.
5. SERIAL NUMBER TO BE LOCATED ON LABEL.
6. ASSEMBLY TO BE PACKAGED IN A GAS BARRIER BAG.

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



SPECIFICATIONS:

1. OUTPUT – 10±3 MV IN AIR AT 25°C, SEA LEVEL.
2. RANGE – 0–2 ATMOSPHERES P02 (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 ±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.

DO NOT SCALE DWG

TOLERANCE UNLESS OTHERWISE SPECIFIED: ANGULAR ±1/2°
LINEAR .X = ±.1, .XX = ±.02, .XXX = ±.005

Teledyne Analytical Instruments
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CITY OF INDUSTRY, CALIFORNIA 91748

	SIGNATURES	DATE
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	

TITLE
SPEC CONTROL DWG
OXYGEN SENSOR
CLASS K–1

SCALE 2:1
SIM NONE
SHEET 1 OF 1

MATL. POLYETHYLENE HOUSING

DWG NO. B-43953

REV 5