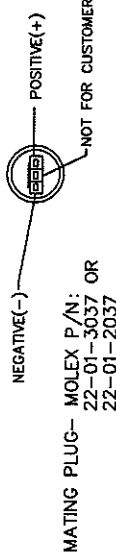


NOTES: UNLESS OTHERWISE SPECIFIED.

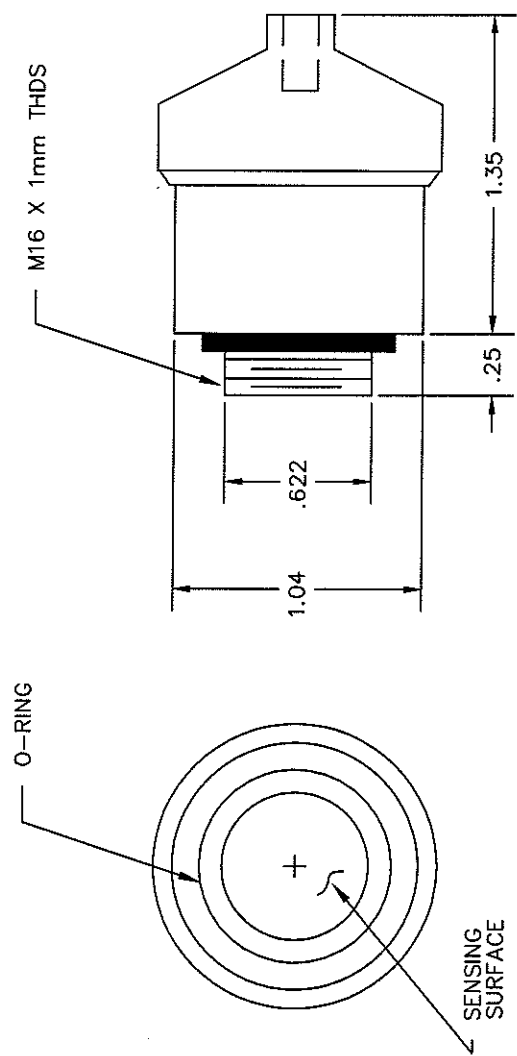
- 1. LABEL PER CUSTOMER SPECIFICATION
- 2. CONNECTIONS POLARITY :



- 3. 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 $\pm 7.5\%$ OF FULL SCALE. (GAS SAMPLES MUST BE BROUGHT TO AMBIENT TEMPERATURE) PERCENT READOUT IS ONLY WITHIN $\pm 1\%$ AT CONSTANT PRESSURE (E.G. A 10% INCREASE IN PRESSURE WILL RESULT IN A 10% INCREASE IN READING).
- 4. ASSEMBLY TO BE PACKAGED IN A GAS BARRIER BAG.
- 5. ASSEMBLY TESTED TO TAI MPC-61340 AND TP-51801.

SPECIFICATIONS:

- 1. OUTPUT - (10-17mV) IN AIR @25°C SEA LEVEL
- 2. RANGE - 0-100% OXYGEN (MAX), 0-1% OXYGEN (MIN)
- 3. ACCURACY - WITHIN $\pm 2\%$ @ 60%O₂, $\pm 3\%$ @ 100% O₂ OF FULL SCALE AT CONSTANT TEMPERATURE AND PRESSURE WHEN CALIBRATED IN AIR.
- 4. RESPONSE TIME - LESS THEN 6 SECONDS FOR 90% OF FINAL VALUE
- 5. OFFSET - LESS THAN 0.5% OF OXYGEN EQUIVALENT AT 25°C (77°F) IN ZERO GAS AFTER 36 SECONDS.
- 6. CROSS INTERFERENCE - LESS THAN 1.25% O₂ RESPONSE TO: 6% HALOTHANE, 6% ISOFLURANE, 6% ENFLURANE, 7% SEVOFLURANE, 20% DESFLURANE, IN 30% O₂/70% N₂ MIXTURE.
- 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 40°C (32 TO 122°F)
- 10. EXPECTED CELL LIFE - 24 MONTHS IN AIR AT 25°C AND 50% R.H.
- 11. WEIGHT - 0.9 OZ (26 GRAMS)
- 12. LOAD - 10K REQUIRED



REVISIONS

REV	DESCRIPTION	DATE	APP.	REV.
1	INC ECO 97-0727	9/25/97	JML	MV
2	INC ECO 01-0351	4/23/02	MG	VF

ITEM	QTY	PART NO.	DESCRIPTION
BILL OF MATERIAL			
THIS DRAWING IS THE PROPERTY OF TELEDYNE INSTRUMENTS AND CONTAINS CONFIDENTIAL INFORMATION. IT IS NOT TO BE COPIED, REPRODUCED OR USED WITHOUT WRITTEN PERMISSION.			
TELEDYNE INSTRUMENTS Analytical Instruments A Teledyne Technologies Company City of Industry, California, 91745, USA			
DO NOT SCALE DWG		TOLERANCE UNLESS OTHERWISE SPECIFIED: ANGULAR $\pm 1/2^\circ$ LINEAR $\begin{cases} X & = \pm .1 \\ XX & = \pm .05 \\ XXX & = \pm .010 \end{cases}$	
S/		SIGNATURES	DATE
N/		DRFT: Vflg	11/20/96
I/		CHK:	
P/		APPR: M. GONZALEZ	11-21-96
O/		ENGR: MICHAEL GONZALEZ	
F/		C.O.:	
REFERENCE		CAD I.D. B67312-2	
DWG NO. B-67312			REV 2
SHEET 1 OF 1			SCALE ---
TITLE SPEC. CONTROL DWG. OXYGEN SENSOR CLASS R24SE			SIM ---