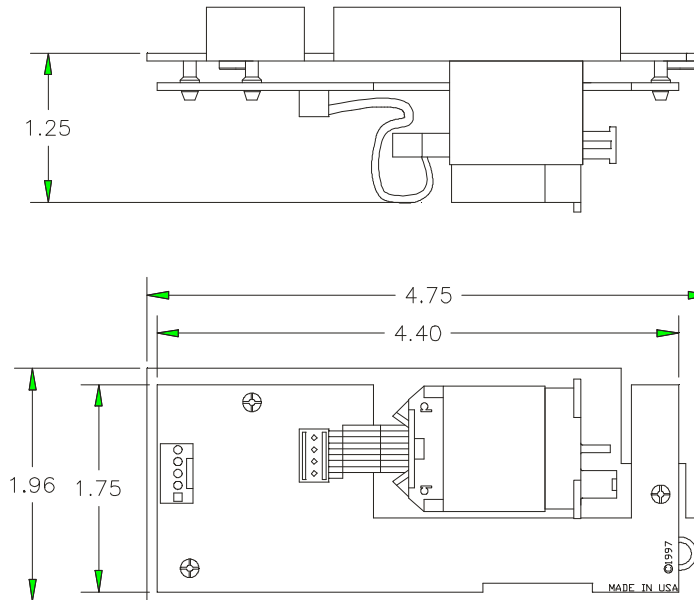



NOTES: UNLESS OTHERWISE SPECIFIED.

SPECIFICATIONS:

- 1) OUTPUT – 0–3.8 V (0 TO 100% OXYGEN).
- 2) RANGE – 0–100% OXYGEN.
- 3) LINEARITY – LESS THAN $\pm 1.0\%$ OF FULL SCALE WHEN CALIBRATED IN AIR AND 100% OXYGEN AT ROOM TEMPERATURE AND PRESSURE.
- 4) 10–90 RESPONSE TIME – 70mSec TO 130mSec
- 5) CROSS INTERFERENCE – REFERENCED TO ISO 7767
- 6) OPERATING HUMIDITY – 0 TO 99% R.H. (NON-CONDENSING).
- 7) RESOLUTION – BETTER THAN 0.1% OXYGEN
- 8) POWER SUPPLY – +12V, -12V
- 9) POWER CONSUMPTION – LESS THAN 200mW
- 10) WEIGHT – SENSOR: < 1.0 OZ
ELECTRONICS: < 1.5 OZ
- 11) SIZE – 1.5" X 1.5" X 4" (SENSOR/BOARD)
- 12) SENSOR LIFE EXPECTANCY: 6 MONTHS IN AIR AT 25°C, 50% RH
- 13) STANDARDS – ISO 7767, ASTM-F1462-93

REVISIONS				
REV	DESCRIPTION	DATE	APP.	REV. BY
1	INC ECO 98-0272	5/26/98	CDF	VF
2	INC ECO 98-0522	1-12-99	CDF	VF



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> <small>An Allegheny Teledyne Company</small> <small>CITY OF INDUSTRY, CALIFORNIA 91748</small>		
LINEAR $\begin{cases} .X & = \pm .1 \\ .XX & = \pm .02 \\ .XXX & = \pm .010 \end{cases}$				
S/ SIGNATURES				DATE
N/	DRFT: WING T CHOW	11-14-97	TITLE SPEC. CONTROL DWG. OXYGEN SENSOR UFO-130 SCALE --- SIM --- SHEET 1 OF 1	
I/	CHK:			
P/	APPR:			
O/	ENGR: DR. CD FENG			
F/	S.O.:			
REFERENCE	CAD I.D. B69011-2	MATL.	DWG NO. B-69011	REV 2

