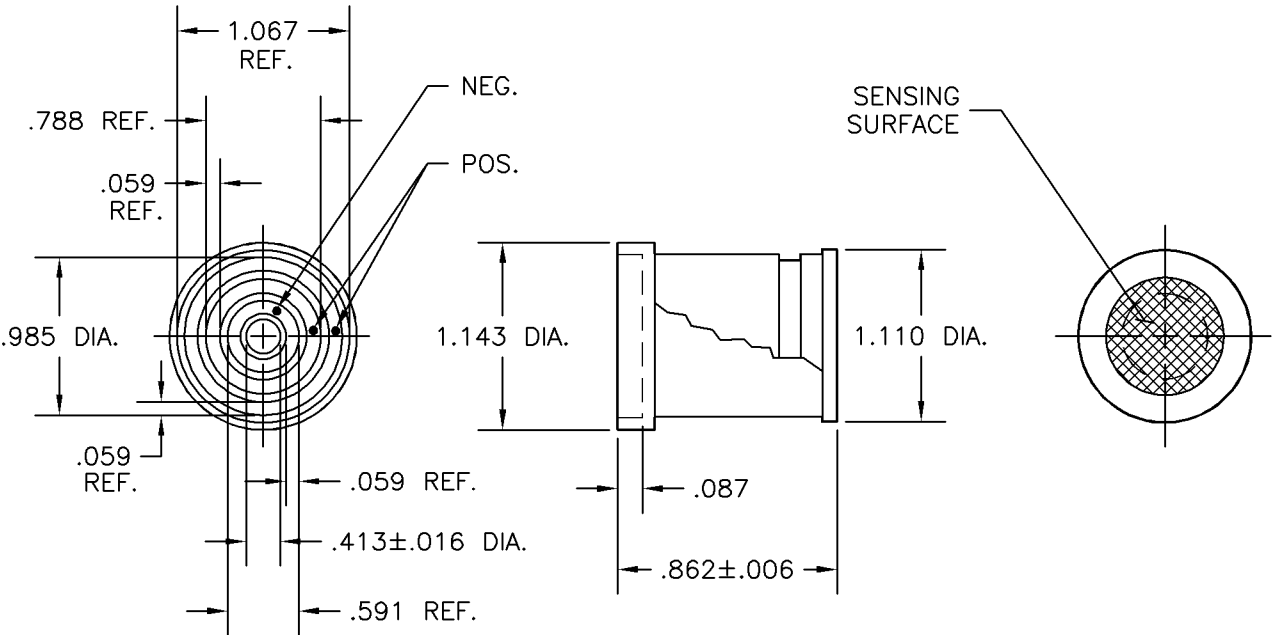


NOTES: UNLESS OTHERWISE SPECIFIED.


- 1. REFERENCE: MAXTEC MAX-11 OXYGEN SENSOR SPECIFICATIONS
- 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).
- 4. WITH A 600 OHM LOAD AT 25°C
SENSOR PRODUCES 17± 3 mV IN AIR

SPECIFICATIONS

- 1. OUTPUT 24-33 µA (EACH CATHODE) IN AIR AT 25°C & AT SEA LEVEL.
- 2. RANGE 0-100% OXYGEN.
- 3. ACCURANCY: ±1% FS O2 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, ALL 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: +2.5%/°C AT 25°C.
- 10. STORAGE TEMPERATURE: -0° TO 50°C
- 11. AVG. EXPECTED LIFE: 36 MO IN AIR @ 25°C AND 50% RH.
- 12. WEIGHT: .9oz. (26gm).
- 13. LINEARITY: <3.0% OF FULL SCALE



REVISIONS				
REV	DESCRIPTION	DATE	APP.	REV. BY
0	INC. ECO 00-0452	3/13/01	JML	--
1	INC ECO 01-0332	5/28/02	MG	MG

ITEM	QTY	PART No.	DESCRIPTION		
BILL OF MATERIAL					
DO NOT SCALE DWG			THIS DRAWING IS THE PROPERTY OF TELEDYNE INSTRUMENTS AND CONTAINS CONFIDENTIAL INFORMATION. IT IS NOT TO BE COPIED, REPRODUCED OR USED WITHOUT WRITTEN PERMISSION.		
TOLERANCE UNLESS OTHERWISE SPECIFIED: ANGULAR $\pm 1/2^\circ$ <div>LINEAR $\begin{cases} .X &= \pm .1 \\ .XX &= \pm .02 \\ .XXX &= \pm .010 \end{cases}$</div>			 TELEDYNE INSTRUMENTS <i>Analytical Instruments</i> A Teledyne Technologies Company City of Industry, California, 91748, USA		
SIGNATURES		DATE	TITLE SPEC. CONTROL DWG. OXYGEN SENSOR CLASS R-23MED		SCALE _____
DRFT: VFig		3/2/01			SIM
CHK:					SHEET 1 OF 1
APPR:					
ENGR: J. LAUER					
C.O.:			MATL.	DWG NO.	REV
CAD I.D. B73506-1				B-73506	1