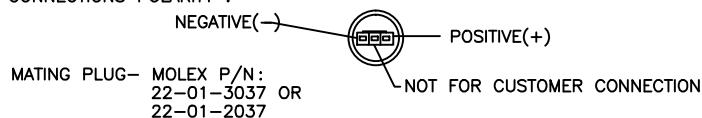


NOTES: UNLESS OTHERWISE SPECIFIED.

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 $\pm 10\%$ 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).

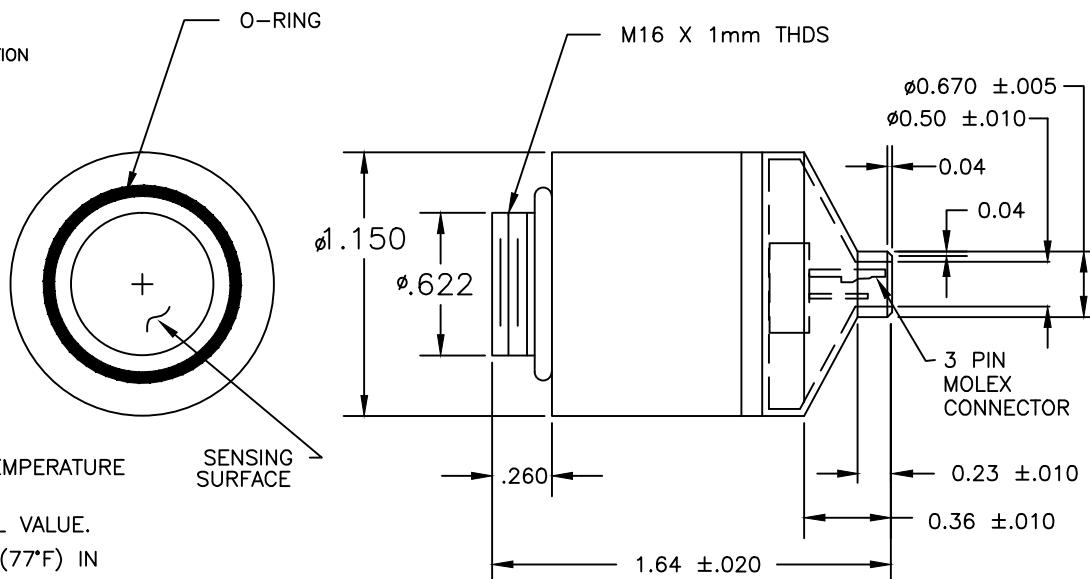
4. ASSEMBLY TO BE PACKAGED IN A GAS BARRIER BAG.

5. ASSEMBLY MANUFACTURED AND TESTED AND MPD-61679.

SPECIFICATIONS:

- 1) OUTPUT - (7-13MV) IN AIR AT 25 °C, SEA LEVEL
- 2) RANGE - 0-100% OXYGEN.
- 3) ACCURACY - WITHIN $+\/-1\%$ OF FULL SCALE AT CONSTANT TEMPERATURE AND PRESSURE.
- 4) RESPONSE TIME - LESS THAN 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% N2O 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 50 °C (32 TO 122 °F)
- 10) AVG. EXPECTED CELL LIFE - 36 MONTHS IN AIR AT 25 °C AND 50% R.H.
- 11) WEIGHT - 1.2 OZ (32 GRAMS)
- 12) LOAD - 10K REQUIRED

| REVISIONS | | | | | |
|-----------|------------------|----------|------|------|----|
| REV | DESCRIPTION | DATE | APP. | REV. | BY |
| 0 | INC. ECO 08-0166 | 10/13/08 | MN | MN | |



| 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 $\pm 1/2$ ' LINEAR $\{ \begin{matrix} x & = \pm .1 \\ xx & = \pm .02 \\ xxx & = \pm .005 \end{matrix} \}$ | | | |
| TELEDYNE INSTRUMENTS Analytical Instruments A Teledyne Technologies Company City of Industry, California, 91748, USA | | | |
| S/ | SIGNATURES | DATE | TITLE |
| N/ | DRFT: M NGUYEN | 9/3/08 | SPEC. CONTROL DWG. |
| I/ | CHK: | | OXYGEN SENSOR |
| P/ | APPR: M NGUYEN | 9/3/08 | C81828-R22MATOM |
| O/ | ENGR: M. NGUYEN | | |
| F/ | C.O.: | | MATL. DWG NO. |
| REFERENCE | CAD I.D. B45400-8 | | ----- B-81829 |
| | | | REV 0 |