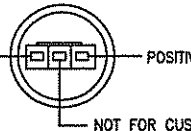


PRELIMINARY PRINT

NOTES: UNLESS OTHERWISE SPECIFIED.

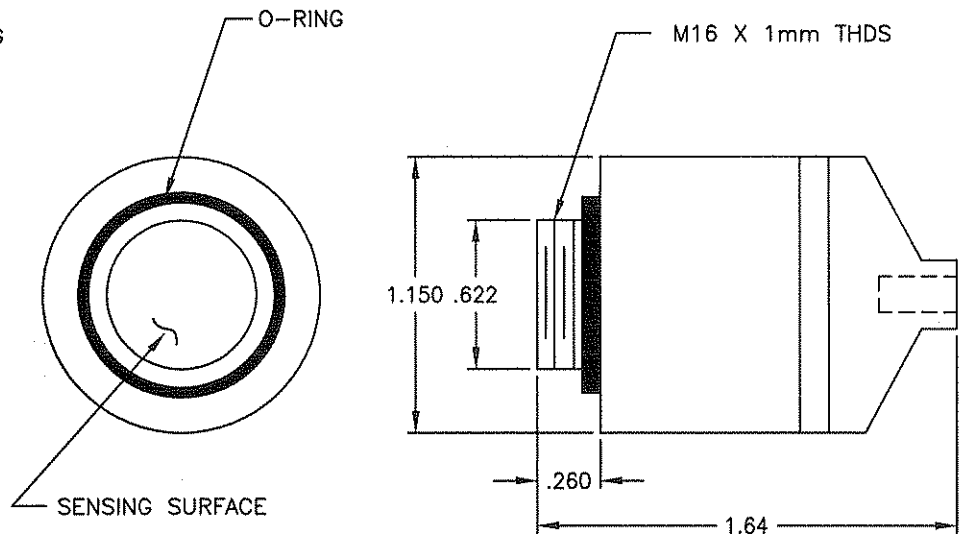
- 1. LABEL PER CUSTOMER SPECIFICATION
- 2. CONNECTIONS POLARITY :  
  
MATING PLUG- MOLEX P/N :  
22-01-3037 OR  
22-01-2037
- 3. TEMPERATURE COMPENSATION ERROR IS  $\pm 5\%$  OF FULL SCALE OVER THE OPERATING TEMPERATURE RANGE. WORST CASE TRACKING ERROR (WITHIN THE FIRST HOUR AFTER A MAXIMUM TEMPERATURE 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 FULL SCALE).
- 4. ASSEMBLY TO BE PACKAGED IN A GAS BARRIER BAG.
- 5. ASSEMBLY MANUFACTURED AND TESTED TO MPD61679.


SPECIFICATIONS:

- 1. OUTPUT - (10.5-13.5 MV) IN AIR 25°C AT SEA LEVEL.
- 2. RANGE - 0-100% OXYGEN (MAX), 0-1% OXYGEN (MIN).
- 3. RESPONSE TIME - LESS THAN 6 SEC. FOR 90% OF FINAL VALUE.
- 4. OPERATING TEMPERATURE RANGE - 0° TO 40°C (32° TO 104°F)
- 5. AVG EXPECTED CELL LIFE - 36 MONTHS IN AIR AT 25°C, 50% R.H.
- 6. STORAGE TEMPERATURE - 0° TO 50°C (32° TO 122°F)
- 7. HUMIDITY - 0 TO 99% RH (NON-CONDENSING).
- 8. ACCURACY - WITHIN  $\pm 1\%$  OF FULL SCALE AT CONSTANT TEMPERATURE AND PRESSURE (SEE NOTE 3)
- 9. WEIGHT - 1.2 OZ (32 GM)
- 10. OFFSET -  $\leq 0.1\%$  O<sub>2</sub> IN  $\leq 30$  SECONDS FOR A STEP CHANGE FROM AIR TO 0% O<sub>2</sub>.
- 11. REQUIRED LOAD 10K

DATE 12/11/13 INIT. MB

REVISIONS				
REV	DESCRIPTION	DATE	APP.	REV. BY
0	INIT REL ECO 13-pending	12/11/13	MG	VF



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 Analytical Instruments A business unit of Teledyne Electronic Technologies CITY OF INDUSTRY, CALIFORNIA 91748			
LINEAR $\begin{cases} .XX &= \pm .1 \\ .XX &= \pm .02 \\ .XXX &= \pm .010 \end{cases}$						
SIGNATURES						
DATE			TITLE  SPEC CONTROL DWG OXYGEN SENSOR CLASS R-22AHJ		SCALE	NONE
N/ DRFT: MGONZALEZ		12/11/13			SIM	NONE
I/ CHK:						
P/ APPR:						
O/ ENGR: MGONZALEZ						
F/ S.O.:			MATL.	NOTED	DWG NO.	REV
REFERENCE		CAD I.D. B91333-0				