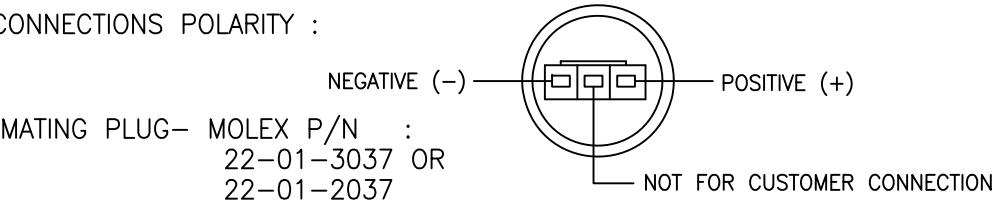


NOTES: UNLESS OTHERWISE SPECIFIED.

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

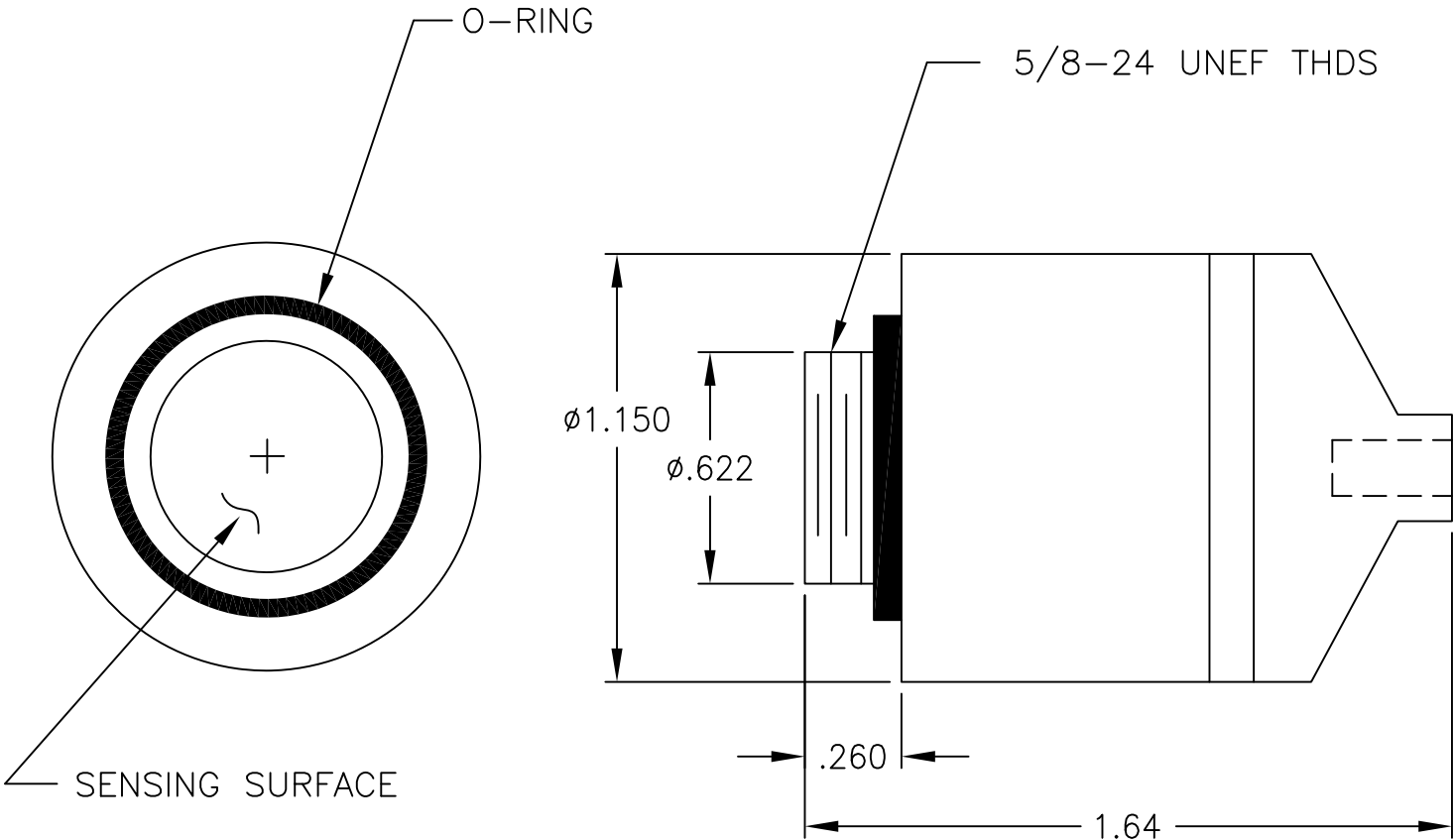


- 3. TEMPERATURE COMPENSATION ERROR IS $\pm 5\%$ OF FULL SCALE OVER THE OPERATING TEMPERATURE RANGE. WORST CASE TRACKING ERROR (WITHIN THE FIRST HOUR AFTER A MAXIMUM TEMPERATURE STEP) IS $\pm 10\%$ OF FULL SCALE. (GAS SAMPLES MUST BE BROUGHT TO AMBIENT TEMPERATURE) PERCENT READOUT IS ONLY WITHIN $\pm 1\%$ AT CONSTANT PRESSURE (E.G. A 10% INCREASE IN PRESSURE WILL RESULT IN A 10% INCREASE IN FULL SCALE).
- 4. ASSEMBLY TO BE PACKAGED IN A GAS BARRIER BAG.
- 5. ASSEMBLY MANUFACTURED AND TESTED TO MPD61679.

SPECIFICATIONS:

- 1. OUTPUT - (9-13MV) 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 - $\leq 0.1\%$ O₂ IN < 30 SECONDS FOR A STEP CHANGE FROM AIR TO 0% O₂.
- 11. REQUIRED LOAD 10K

REVISIONS				
REV	DESCRIPTION	DATE	APP.	REV. BY
0	INIT REL PER ECO 08-0028	03/11/08	MG	--
1	INC PER ECO 10-0054	03/01/10	MG	VF



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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE: ANGULAR $\pm 1/2^\circ$ LINEAR $\begin{cases} .X &= \pm .1 \\ .XX &= \pm .02 \\ .XXX &= \pm .010 \end{cases}$			TELEDYNE INSTRUMENTS Analytical Instruments A Teledyne Technologies Company City of Industry, California, 91748, USA		
S/	SIGNATURES	DATE	TITLE SPEC CONTROL DWG OXYGEN SENSOR CLASS R21AV		SCALE NONE
N/	DRFT: MGONZALEZ	03/11/08			SIM NONE
I/	CHK:				SHEET 1 OF 1
P/	APPR:				
O/	ENGR: MGONZALEZ				
F/	C.O.:		MATL. NOTED		DWG NO. B-81190
REFERENCE	CAD I.D. B81190-1				REV 1