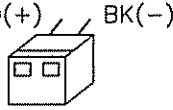


NOTES: UNLESS OTHERWISE SPECIFIED.

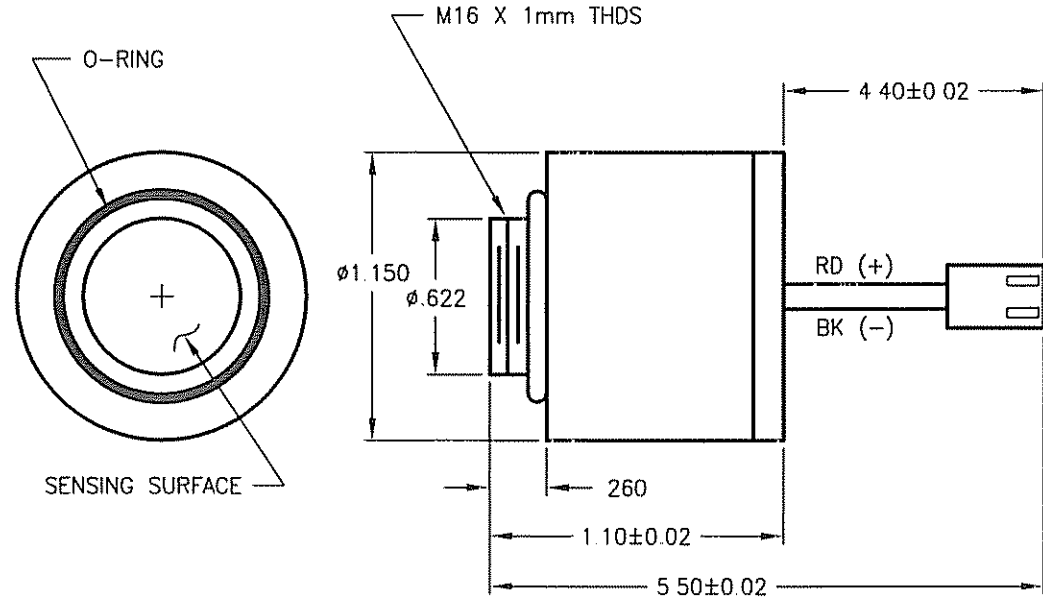
1. LABEL PER CUSTOMER SPECIFICATION
2. CONNECTION POLARITY: RD(+) BK(-)
 MATING PLUG-MOLEX
 22-28-0021 OR
 22-28-3021 OR
 22-23-5024
3. TEMPERATURE COMPENSATION ERROR IS $\pm 5\%$ OF FULL SCALE OVER THE OPERATING TEMPERATURE RANGE. WORST CASE TRACKING ERROR (WITHIN THE FIRST HOUR AFTER A MAXIMUM TEMPERATURE STEP) IS $\pm 5\%$ 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 PER MPD-61679 AND C74069-R33D1.



SPECIFICATIONS:

- 1) OUTPUT - 25 ± 2 mV IN AIR AT 25 °C, SEA LEVEL.
- 2) RANGE - 0-1 ATM P02
- 3) ACCURACY - WITHIN $\pm 1\%$ OF FULL SCALE AT CONSTANT TEMPERATURE AND PRESSURE (0-1 ATM) WHEN CALIBRATED WITH 100% OXYGEN.
- 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) HUMIDITY - 0 TO 99% R.H. (NON-CONDENSING)
- 7) OPERATING TEMPERATURE RANGE - 0 TO 40 °C (32 TO 104 °F)
- 8) STORAGE TEMPERATURE - 0 TO 50 °C (32 TO 122 °F)
- 9) AVG. EXPECTED CELL LIFE - 36 MONTHS IN AIR AT 25 °C AND 50% R.H
- 10) SHELF LIFE: 24 MONTHS.
- 11) WEIGHT - 1.10 OZ (31.2 GRAMS)
- 12) LOAD - 10K REQUIRED

REVISIONS				
REV	DESCRIPTION	DATE	APP.	REV. BY
0	IR PER ECO# 01-0268	10/10/01	MG	--
1	INC ECO 01-0355	2/28/02	MG	VF
2	INC ECO 04-0113	6/11/04	MG	VF



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 $\pm 1/2^\circ$		TELEDYNE INSTRUMENTS Analytical Instruments A Teledyne Technologies Company City of Industry, California, 91746, USA	
LINEAR { X = ± 1 XX = ± 02 XXX = $\pm .005$			
S/	SIGNATURES		DATE
N/	DRFT: JOHN REYES		10/09/01
I/	CHK:		
P/	APPR:		
O/	ENGR: M. GONZALEZ		
F/	C.O.: STANDARD		
REFERENCE	CAD ID B74074-2		
TITLE			SCALE NONE
SPEC CONTROL DWG. OXYGEN SENSOR CLASS R33D1			SIM B-72149
			SHEET 1 OF 1
MATERIAL		DWG NO	REV
NONE		B-74074	2