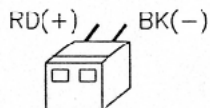


NOTES: UNLESS OTHERWISE SPECIFIED.

1. LABEL PER CUSTOMER SPECIFICATION

2. CONNECTION POLARITY:
MATING PLUG-MOLEX
22-28-0021 OR
22-28-3021 OR
22-23-5024



NOTE: Before using this drawing, please contact Teledyne to ensure this is the current revision.

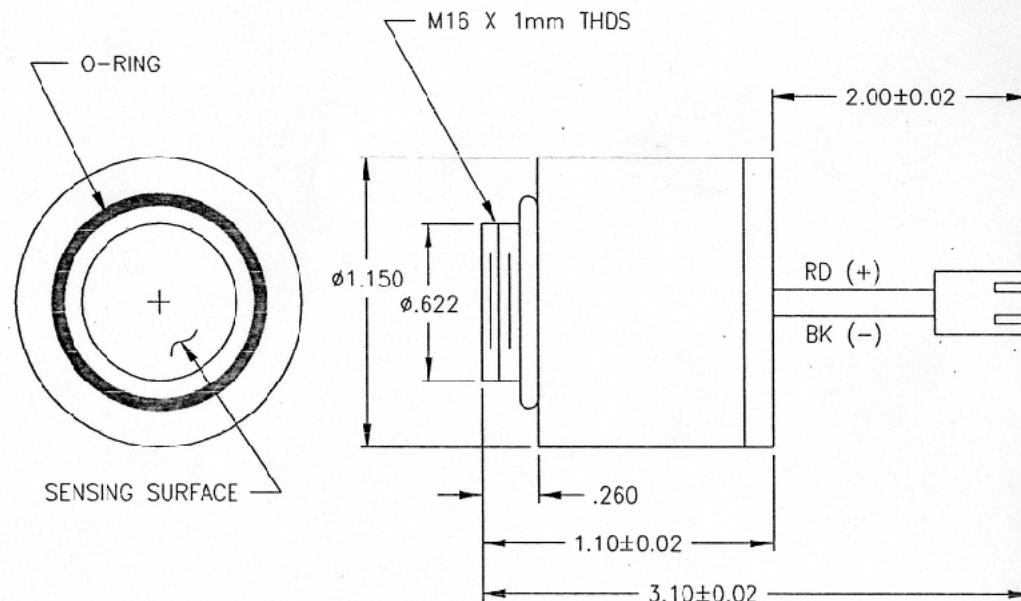
3. TEMPERATURE COMPENSATION ERROR IS $\pm 5\%$ OF FULL SCALE OVER THE OPERATING TEMPERATURE RANGE. WORST CASE TRACKING ERROR (WITHIN THE FIRST HOUR AFTER A MAXIMUM TEMPERATURE STEP) IS $\pm 5\%$ OF FULL SCALE. (GAS SAMPLES MUST BE BROUGHT TO AMBIENT TEMPERATURE) PERCENT READOUT IS ONLY WITHIN $\pm 1\%$ 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 - $25 \pm 2\text{mV}$ IN AIR AT 25°C , SEA LEVEL.
- 2) RANGE - 0-1 ATM PO₂, 0-2 ATM PO₂.
- 3) ACCURACY - WITHIN $\pm 1\%$ OF FULL SCALE AT CONSTANT TEMPERATURE AND PRESSURE (0-1 ATM), $\pm 2\%$ FULL SCALE AT CONSTANT TEMPERATURE AND PRESSURE (0-2 ATM PO₂) 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	M.B.	VF

ITEM	QTY	PART No.	DESCRIPTION		
BILL OF MATERIAL					
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 <i>A Teledyne Technologies Company</i> City of Industry, California, 91746, USA		
LINEAR $\begin{cases} X & = \pm .1 \\ XX & = \pm .02 \\ XXX & = \pm .005 \end{cases}$					
SIGNATURES		DATE	TITLE SPEC. CONTROL DWG. OXYGEN SENSOR CLASS R33D1		SCALE NONE
DRFT: JOHN REYES		10/09/01			SIM B-72149
CHK:					SHEET 1 OF 1
APPR:					
ENGR: M. GONZALEZ					
C.O.: STANDARD		MATL.	NONE	DWG NO.	REV
CAD I.D. B74074-1				B-74074	1

SCALE NONE
SIM B-72149
SHEET 1 OF 1