

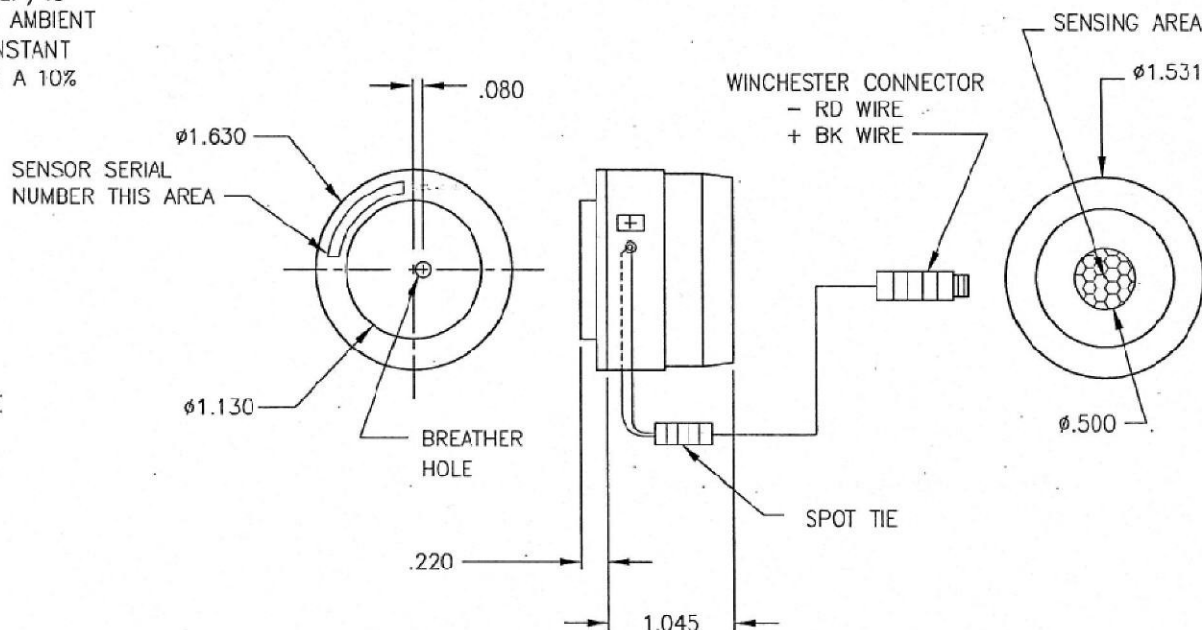
NOTES: UNLESS OTHERWISE SPECIFIED.

1. LABEL PER CUSTOMER SPECIFICATION
2. 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 $\pm 7.5\%$ OF FULL SCALE. (GAS SAMPLES MUST BE BROUGHT TO AMBIENT TEMPERATURE) PERCENT READCUT IS ONLY WITHIN $\pm 1\%$ AT CONSTANT PRESSURE (E.G. A 10% INCREASE IN PRESSURE WILL RESULT IN A 10% INCREASE IN READING).
3. ASSEMBLY TO BE PACKAGED IN A BARRIER BAG
4. ASSEMBLY MANUFACTURED AND TESTED PER MP-B72971

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 (SEE NOTE 2)
4. RESPONSE TIME: LESS THAN 6 SEC.s FOR 90% OF FINAL VALUE
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. AVERAGE EXPECTED CELL LIFE:
36 MONTHS IN AIR AT 25°C AND 50% R.H., SEA LEVEL
10. SHELF LIFE: 24 MONTHS
11. WEIGHT: 1.9 Oz (54 GRAMS)
12. LOAD: 6K OHMS REQUIRED

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



REFERENCE DWG: B-33204-R10DV

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	
LINEAR $\begin{cases} .X & = \pm .1 \\ .XX & = \pm .02 \\ .XXX & = \pm .010 \end{cases}$		A business unit Teledyne Electronic Technologies	
		CITY OF INDUSTRY, CALIFORNIA 91748	
S/	SIGNATURES	DATE	TITLE
N/	DRFT: D. COMSA	9-28-00	SPEC. CONTROL DWG OXYGEN SENSOR CLASS R-10DS
I/	CHK:		
P/	APPR:		
O/	ENGR: M. GONZALEZ		
F/	C.O.:		
REFERENCE	CAD I.D. B72973-1	MATL.	DWG NO. B-72973
			SCALE SIM SHEET 1 OF 1 REV 1