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AUG 7 2014

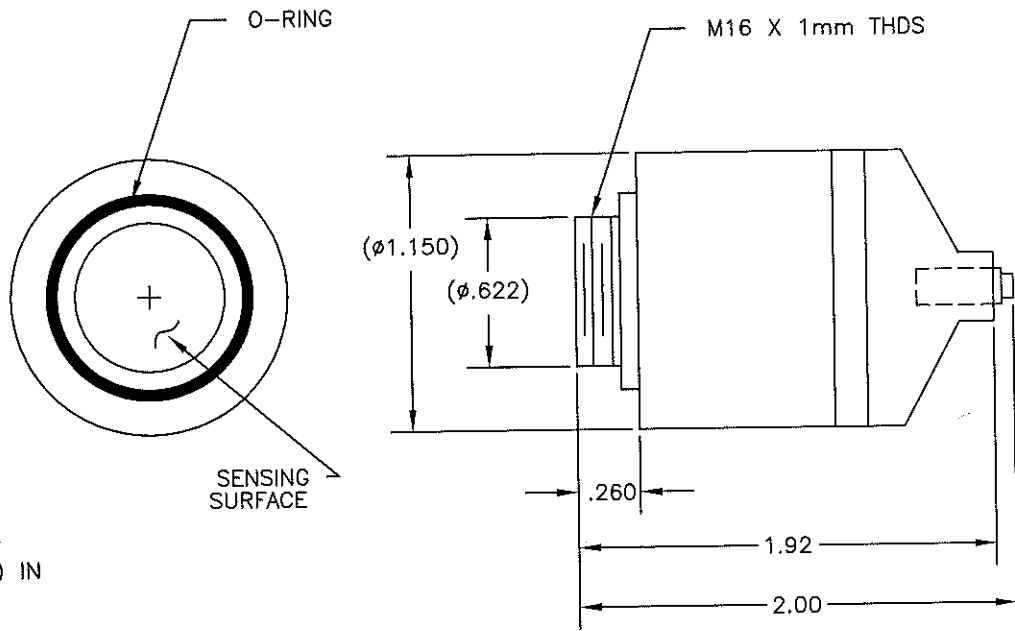
NOTES: UNLESS OTHERWISE SPECIFIED.

- 1. LABEL PER CUSTOMER SPECIFICATION
- 2. CONNECTORS POLARITY :  
TIP (CENTER)- NEGATIVE (-)  
SLEEVE - POSITIVE (+)  
TYPICAL MATING PLUG SWITCHCRAFT .141" MINIATURE PHONE PLUGS  
P/N: 740 (SCREW TERMINAL) OR P/N: 750 (CLAMP-LUG TERMINAL).
- 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  $\pm 7.5\%$  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 TO MPD-61679 & C43690-R17S1.

SPECIFICATIONS:

- 1) OUTPUT - (25  $\pm$  2 mV) IN AIR AT 25 °C, SEA LEVEL
- 2) RANGE - 0-100% OXYGEN
- 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) WEIGHT - 1.1 OZ (31 GRAMS)
- 11) LOAD - 10K REQUIRED
- 12) APPLICATION - FOR SURFACE/ABOVE-WATER DIVING-CYLINDER VERIFICATION APPLICATIONS; NOT INTENDED FOR UNDERWATER USE.

REVISIONS				
REV	DESCRIPTION	DATE	APP.	REV. BY
0	INIT REL ECO 10-0144	9/22/10	MG	VF



ITEM	QTY	PART No.	DESCRIPTION
BILL OF MATERIAL			
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TELEDYNE INSTRUMENTS	
TOLERANCE: .XX = $\pm .1$		Analytical Instruments	
ANGULAR $\pm 1/2^\circ$ LINEAR .XX = $\pm .02$		A Teledyne Technologies Company	
XXX = $\pm .010$		City of Industry, California, 91748, USA	
S/	SIGNATURES	DATE	TITLE
N/	DRFT: MGONZALEZ	05/27/10	SPEC. CONTROL DWG.
I/	CHK:		OXYGEN SENSOR
P/	APPR:		CLASS R17S1
O/	ENGR: M. GONZALEZ		
F/	C.O.:		
REFERENCE	CAD I.D. B84297-0		
MATL.		DWG NO.	REV
		B-84297	0
			SHEET 1 OF 1