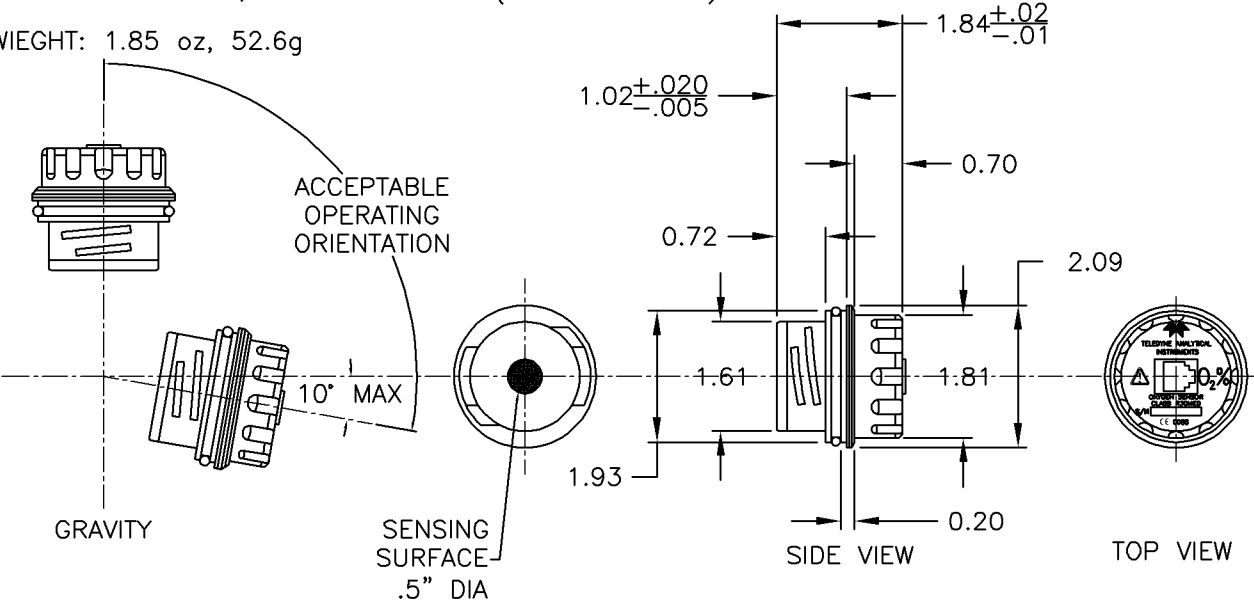



NOTES: UNLESS OTHERWISE SPECIFIED.

1. OUTPUT:
8.0 TO 12.0 mV IN AMBIENT AIR AT 760 TORR
PRESSURE 23±2°C
2. OPERATING CONDITIONS:
TEMPERATURE: 10° TO 40°C
HUMIDITY: 10% TO 95% R.H. NON CONDENSING
PRESSURE: 90 TORR MAX.
DIFFERENTIAL PRESSURE: 500 TO 800 TORR
3. STORAGE CONDITIONS:
TEMPERATURE: -15° TO 50°C
HUMIDITY: 10% TO 95% R.H. NON CONDENSING
PRESSURE: 500 TO 800 TORR
4. TRANSPORT CONDITIONS:
TEMPERATURE: -15° TO 50°C
HUMIDITY: 10% TO 95% R.H. NON CONDENSING
PRESSURE: 350 TORR FOR UP TO 24 HOURS
5. RANGE OF MEASUREMENT (FULL SCALE):
0 TO 100% OXYGEN
6. ZERO OFFSET:
LESS THAN 0.15mV
7. RESPONSE TIME
0 TO 90% OF CHANGE IN 15 SECONDS OR LESS AT 23±2°C
8. LINEARITY:
WITHIN ± 2% OF FULL SCALE
9. STABILITY:
SPAN DRIFT:
≤±0.5% OF FULL SCALE PER 24 HOURS
UNDER CONSTANT ENVIRONMENTAL CONDITIONS
ZERO DRIFT:
≤±0.5% OF FULL SCALE PER MONTH
UNDER CONSTANT ENVIRONMENTAL CONDITIONS
10. INTERFERENCE:
< 1% OF FULL SCALE IN PRESENCE OF NITROUS OXIDE,
CARBON DIOXIDE AND HELIUM

TO CONVERT TORR TO PI: PSI=___TORR/51.75

11. TEMPERATURE EFFECTS:
LESS THAN ±1.5% OF FULL SCALE ERROR
OVER OPERATING TEMPERATURE RANGE
12. LIFE:
900,000 % OXYGEN HOURS
13. ORIENTATION:
SPECIFICATIONS ARE VALID FOR INSTALLATIONS
WHERE THE SENSING AREA IS MOUNTED VERTICALLY
OR HORIZONTALLY, WITHIN 10° MAX. (OF HORIZONTAL)
14. WIEGHT: 1.85 oz, 52.6g



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			
SIGNATURES		DATE	TITLE SPEC. CONTROL DWG. OXYGEN SENSOR CLASS R30MED		SCALE 1:2
DRFT: D. COMSA		9-19-00			SIM
CHK:					
APPR:					
ENGR: M. GONZALEZ					SHEET 1 OF 1
C.O.:		MATL.		DWG NO.	REV
CAD I.D. B72939-1				B-72939	1

REVISIONS					
REV	DESCRIPTION		DATE	APP.	REV. BY
0	Production Release 00-0391		9-21-00	M.G.	--
1	INC ECO 01-0079		7/20/01	MG	VF