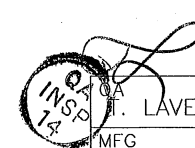


REV	ECO'S AFFECTING THIS DRAWING	DATE	APPROVED
A	INITIAL RELEASE	11-8-94	GP
D	DCO # 3525 CHANGED ITEM 13	12/13/10	

1. Output:  
12.2 to 18.1 mV in 20.95% oxygen within a temperature range of 23 +/- 4 deg C and at 1013 millibar pressure
2. Operating Temperature:  
5 to 40 deg C
3. Storage Temperature:  
0 to 45 deg C
4. Optimal Storage Temperature:  
5 to 25 deg C
5. Range of Measurement (Full Scale):  
0 to 100% oxygen
6. Zero Offset:  
Less than .5mV when exposed to 99 to 100 percent nitrogen
7. 90% Response Time:  
Less than or equal to 15 seconds

8. Linearity:  
Within +/- 2.0% of full scale
9. Stability:  
Less than 1% of full scale over an 8 hour period
10. Interference:  
Less than 1% of full scale in presence of nitrous oxide, carbon dioxide and helium
11. Temperature Sensitivity:  
+2.9 ±0.2%/°C
12. Pressure Sensitivity:  
Sensor output to be linear with partial pressure of oxygen within +/- 2% of full scale.
13. Life  
2,000,000% oxygen hours



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND PER ANSI Y14.5-1982			maxtec® SALT LAKE CITY, UTAH 84107		
.XX ±.01	.XXX ±.005	ANGLES ±1'30"	SPECIFICATIONS, MAX-8 OXYGEN SENSOR		
DESIGNER F. LAVERY	DATE 11/9/10	PREP G. PEKAR	7/26/93	SIZE B	FSCM NO. 1S815
CHKR E. MEADS	DATE 11/24/10	CHKR G. POELAKKER	11/16/95	NUMBER R107P70	REV D
ENG N. SCHATTKE	DATE 11/9/10	SCALE NONE	SHEET 1 OF 2		

D  
C  
B  
A  
R107P70 D

