

ALL PRODUCT SPECIFICATIONS ARE APPLICABLE AT STANDARD CONDITIONS:  
1013 MILLIBAR, 25° C DRY AIR.

REV	DCO'S AFFECTING THIS DRAWING	DATE	APPROVED
A	INITIAL REL. #1209	10/29/96	AR
E	DCO # 3808 REVISED STORAGE TEMPERATURE	08/24/11	D.L.

1. Output:  
9.0 to 17.0 mV

2. Operation:  
Temperature: 0° – 40° C  
Pressure: 600 – 1750 mBar  
Relative Humidity: up to 100% RH  
(Condensing atmosphere over several hours)

3. Storage Temperature Range:  
–20° to 50 °C  
5° to 30°C Recommended

4. Range of Measurement (Full Scale):  
0 to 100% oxygen

5. Zero Offset:  
Less than or equal to 0.20 mV when exposed to 100% nitrogen for 5 minutes

6. 90% Response Time:  
Less than or equal to 13 seconds

7. Linearity:  
<3% error

8. Stability:  
Less than 1% of full scale over an 8 hour period between 20% and 100% Oxygen.

9. Repeatability:  
±1% volume oxygen @ 100% applied for 5 minutes

10. Interference:  
Less than 0.5% oxygen response to 80% Nitrous oxide  
Less than 0.5% oxygen response to 7.5% Halothane  
Less than 0.5% oxygen response to 7.5% Isoflurane  
Less than 0.5% oxygen response to 7.5% Enflurane  
Less than 0.5% oxygen response to 9% Sevoflurane  
Less than 0.5% oxygen response to 20% Desflurane  
Less than 0.5% oxygen response to 10% Carbon Dioxide

11. Nominal Life:  
> 1,000,000% oxygen hours under normal operating conditions

12. Warm-up Time:  
Less than 30 minutes after replacement of sensor

13. Electrical Interface:  
3.5 mm Mono Jack, Female, Center Negative

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND PER ANSI Y14.5-1982				maxtec® SALT LAKE CITY, UTAH 84109			
QA T. LAVERY		8/15/11	PREP E. CUTLER	9/30/96	SPECIFICATIONS MAX-13 OXYGEN SENSOR		
MFG E. MEADS		8/15/11	CHKR B. HAMATAKE	10/29/96	SIZE B	FSCM NO. 1S815	NUMBER R115P15
			ENG C. CINDRICH	8/10/11	SCALE NONE		REV E
						SHEET 1 OF 2	

