

ALL PRODUCT SPECIFICATIONS ARE APPLICABLE AT STANDARD CONDITIONS:  
1013 MILLIBAR, 25° C DRY AIR, AND LOAD ACROSS SENSOR TERMINALS <150 OHMS.

REV	DCO'S AFFECTING THIS DRAWING	DATE	APPROVED
A	INITIAL REL. # 719	1/24/97	A.R.
F	DCO # 3808 REVISED STORAGE TEMPERATURE	8/24/11	D.L.

1. Output:  
  
200 ± 40 µA (20 ± 4 mV @ 100 ohms)

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

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

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

5. Zero Offset:  
  
Less than 5 µA when exposed to  
100% nitrogen for 5 minutes

6. 90% Response Time:  
  
Less than or equal to 13 seconds at 30°C

7. Linearity Error:  
  
Less than 3%

8. Stability:  
  
Less than 1% volume oxygen of full scale over an  
8 hour period within 20% to 100% Oxygen

9. Repeatabilty:  
  
1% Volume oxygen at 100% oxygen 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 Sensor Life:  
  
> 250,000% oxygen hours

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

13. Electrical Interface:  
  
Printed Circuit Board  
Center Contact Negative

			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND PER ANSI Y14.5-1982		maxtec® SALT LAKE CITY, UTAH 84107			
			.XX = ±.01 .XXX = ±.005 .XXXX = ±.002	ANGLES ±1°30'	SPECIFICATIONS, MAX-19 OXYGEN SENSOR			
QA	T. LAVERY	8/15/11	PREP E. CUTLER	1/13/97				
MFG	E. MEADS	8/15/11	CHKR G. POELAKKER	1/24/97				
			ENG C. CINDRICH	8/10/11	SIZE B	FSCM NO. 1S815	NUMBER R116P65	REV F
					SCALE NONE		SHEET 1 OF 2	
2					1			
					PROPRIETARY INFORMATION MAXTEC			