

ALL PRODUCT SPECIFICATIONS ARE APPLICABLE AT STANDARD CONDITIONS:  
1013 MILLIBAR, 25° C, 60 ± 5% RH

REV	DCO'S AFFECTING THIS DRAWING	DATE	APPROVED
A	INITIAL REL. # 4157	6/12/12	D.L.

1. Output:  
47.0 – 65mv
2. Operation:
  1. Temperature: 5° – 40° C
  2. Atmospheric Pressure: 811 – 1216 hPa
  3. Relative Humidity: 10 to 90% RH  
(No Condensation)
3. Storage Temperature Range:
  1. Recommended: 5° to 25° C
  2. Maximum: -15° to +50° C
4. Range of Measurement (Full Scale):  
0 to 100% oxygen ±1%
5. Zero Offset:  
Less than 6.0mV
6. 90% Response Time:  
60 ± 5 Seconds  
Where the air exchange is greater than 200 – 300ml per minute.
7. Linearity:  
Within +/- 2.0% of full scale
8. Stability:  
Less than 2% of full scale over an 8 hour period at constant temperature, pressure, and humidity.

9. Interference:
  - Less than 2% of full scale in presence of 75% Nitrous Oxide
  - Less than 2% of full scale in presence of 5% Halothane
  - Less than 2% of full scale in presence of 5% Isoflurane
  - Less than 2% of full scale in presence of 5% Enflurane
  - Less than 2% of full scale in presence of 6% Sevoflurane
  - Less than 2% of full scale in presence of 15% Desflurane
  - Less than 2% of full scale in presence of 10% Carbon Dioxide
  - Less than 2% of full scale in presence of 70% Helium
12. Nominal Sensor Life:  
5 years
13. Electrical Interface:  
.09" Dual Pin Molex Connector

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND PER ANSI Y14.5-1982				maxtec® SALT LAKE CITY, UTAH 84119			
TOL = ±.01		ANGLE ±1'30"		SPECIFICATION			
TOL = ±.005				MAX-50 OXYGEN SENSOR			
TOL = ±.002				SIZE B	FSCM NO. 1S815	NUMBER R100P96	REV A
QA G. ROTH	6/7/12	PREP D. LARSEN	6/6/12	SCALE NONE		SHEET 1 OF 1	
MFG E. MEADS	6/7/12	CHKR T. MARSHALL	6/6/12				
		ENG T. MARSHALL	6/7/12				

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