

REV	DCO'S AFFECTING THIS DRAWING	DATE	APPROVED
A	INITIAL REL. # 716	1/24/97	AR
E	DCO # 1819 UPDATED TO CURRENT SPECIFICATIONS	5/28/02	MS

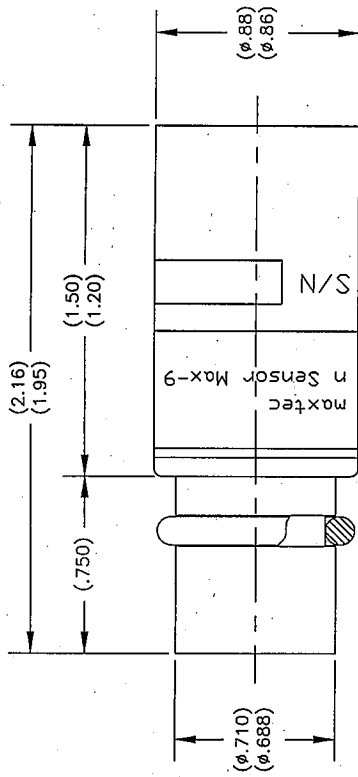
- 1. Output: 26.4 to 44.0 mV in air at 1013 millibars pressure and a temperature range of 23±2 °C, across a 88 ohm resistor.
- 2. Operating Temperature: 0° to 40 °C
- 3. Maximum Storage Temperature: 0° to 50 °C
- 4. Optimal Storage Temperature: 5° to 25 °C
- 5. Range of Measurement (Full Scale): 0 to 100% oxygen
- 6. Zero Offset: Less than or equal to 0.40 mV when exposed to 99.9 to 100% nitrogen across a 88 ohm resistor
- 7. 90% Response Time: Less than or equal to 11 seconds at 23±2 °C
- 8. Linearity: Within +/- 2.0% of full scale
- 9. Stability: Less than 1% of full scale over an 8 hour period at constant temperature, pressure, and humidity.
- 10. 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
- 11. Temperature Compensation: Less than ± 5.0% of full-scale from 15° to 40°C
- 12. Expected Life: > 500,000% oxygen hours under normal operating conditions
- 13. Humidity: 0% to 99% Relative Humidity non-condensing
- 14. Electrical Connector: Recessed 4-pin male connection (similar to Hudson #5500 sensor) with "keyed" alignment slots.

AUTHORIZED COPY
JUN 12 2002
EFFECTIVE DATE
VALID ONLY IF THIS STAMP IS RED

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND PER ANSI Y14.5-1982		maxtec® SALT LAKE CITY, UTAH, 84107	
XX = ±0.01	ANGLES ±1'30"	SPECIFICATIONS:	
XXX = ±0.005	XXXX = ±0.002	MAX-9 OXYGEN SENSOR	
OA G. ROTH 5/28/02	PREP E. CUTLER 12/10/86	SIZE B	ESCH NO. B
MFG E. MEADS 5/28/02	CHR G. FOELAKKER 1/24/97	NUMBER R114P85	REV E
ENG D. GOETZ 5/28/02	SCALE NONE	SHEET 1 OF 2	

R114P85 F

PROPRIETARY INFORMATION
 MAXTEC INC.



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JUN 19 2002
EFFECTIVE DATE

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SIZE	FSM NO.	NUMBER	REV
B	1S815	R114P85	E
SCALE NONE		SHEET 2 OF 2	PROPRIETARY INFORMATION MAXTEC INC.