

| REV | DCO'S AFFECTING THIS DRAWING | DATE     | APPROVED |
|-----|------------------------------|----------|----------|
| A   | INITIAL RELEASE # 3865       | 10/3/11  | D.L.     |
| D   | DCO # 4744                   | 12/11/13 | D.L.     |
| E   | CORRECTED SPELLING ERRORS    |          |          |

| 1                                                                                                                                                       | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                    | 4                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 9. Stability:<br><br>Less than 1% of full scale over an 8 hour period (drift) at constant temperature, pressure, humidity, and concentration of oxygen. | 10. Interference:<br><br>Less than 2% of full scale in presence of 75% Nitrous oxide<br>Less than 2% of full scale in presence of 5% Halothane<br>Less than 2% of full scale in presence of 5% Isoflurane<br>Less than 2% of full scale in presence of 5% Enflurane<br>Less than 2% of full scale in presence of 6% Sevoflurane<br>Less than 2% of full scale in presence of 15% Desflurane<br>Less than 2% of full scale in presence of 10% Carbon Dioxide<br>Less than 2% of full scale in presence of 70% Helium | 11. Temperature Compensation:<br><br>Less than $\pm 3.0\%$ from $15^{\circ}$ to $40^{\circ}\text{C}$ | 12. Expected Life<br><br>> 1,500,000% oxygen hours under normal operating conditions    |
| 13. Humidity<br><br>5% to 95% Relative Humidity non-condensing                                                                                          | 14. Thermal Stability:<br><br>Less than 2% deviation of full scale over a $2^{\circ}\text{C}/\text{min}$ change in environment temperature in room air at constant pressure and humidity when calibrated at room temperature ( $23^{\circ}\pm 2^{\circ}\text{C}$ )                                                                                                                                                                                                                                                  | 15. Linearity:<br><br>Within $+/- 2.0\%$ of full scale                                               | 16. Response Time:<br><br>Less than or equal to 15 seconds at $23\pm 2^{\circ}\text{C}$ |
| 17. Operating Temperature:<br><br>5 $^{\circ}$ to $40^{\circ}\text{C}$                                                                                  | 18. Maximum Storage Temperature:<br><br>$-15^{\circ}$ to $50^{\circ}\text{C}$                                                                                                                                                                                                                                                                                                                                                                                                                                       | 19. Optimal Storage Temperature:<br><br>5 $^{\circ}$ to $25^{\circ}\text{C}$                         | 20. Range of Measurement (Full Scale):<br><br>0 to 100% oxygen                          |
| 21. Zero Offset:<br><br>Less than or equal to 0.50 mV when exposed to 100% nitrogen                                                                     | 22. 90% Response Time:<br><br>Less than or equal to 15 seconds at $23\pm 2^{\circ}\text{C}$                                                                                                                                                                                                                                                                                                                                                                                                                         | 23. Linearity:<br><br>Within $+/- 2.0\%$ of full scale                                               | 24. Response Time:<br><br>Less than or equal to 15 seconds at $23\pm 2^{\circ}\text{C}$ |

| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>AND PER ANS. Y14.5-1982 |                   | SALT LAKE CITY, UTAH 84107 |          |
|-----------------------------------------------------------------------------------|-------------------|----------------------------|----------|
| XX = $\pm 0.01$                                                                   | ANGLES            | REP. N. SWANK              | 9/9/11   |
| .XXX = $\pm 0.05$                                                                 | $\pm 130^{\circ}$ | C. CHIRCH                  | 9/29/11  |
| .XXXX = $\pm 0.02$                                                                |                   | ENG. C. CHIRCH             | 12/11/13 |

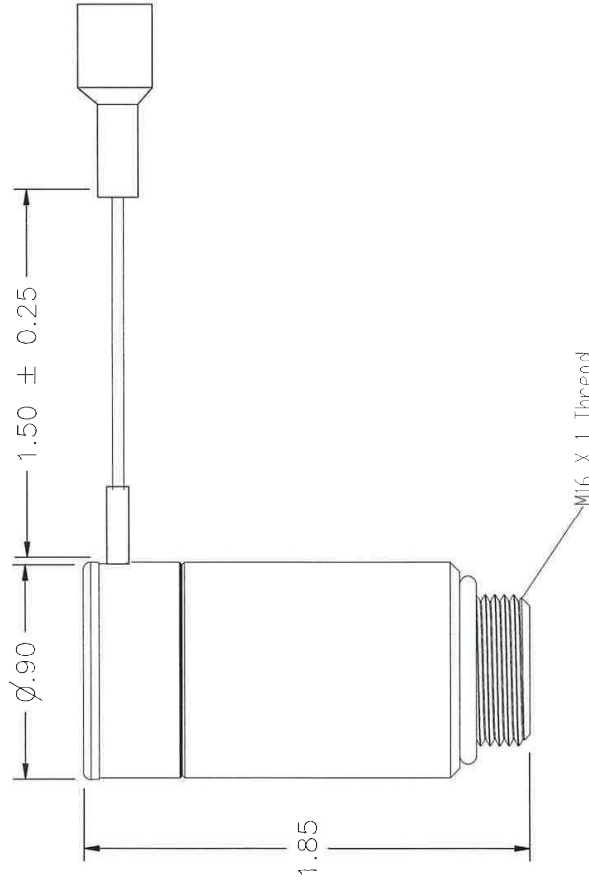
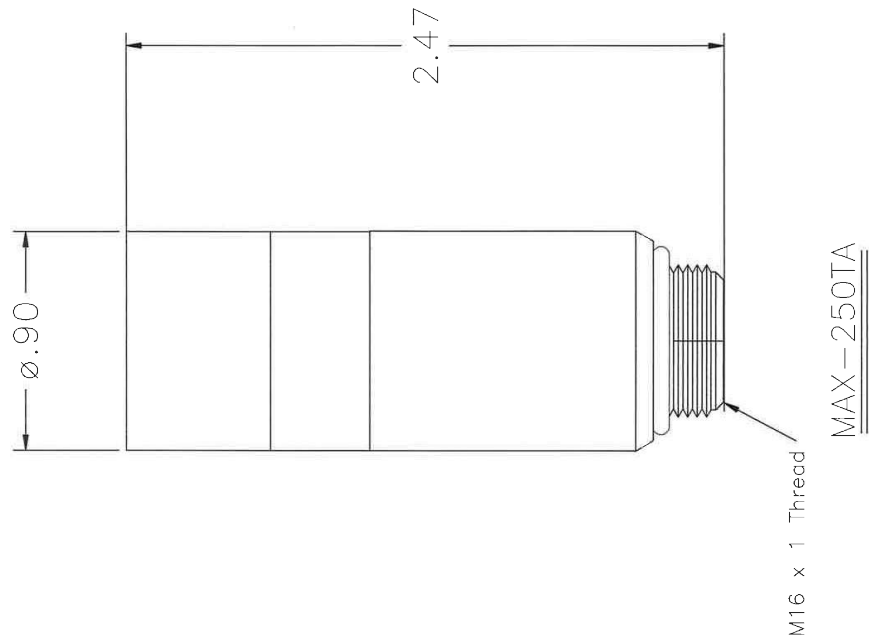
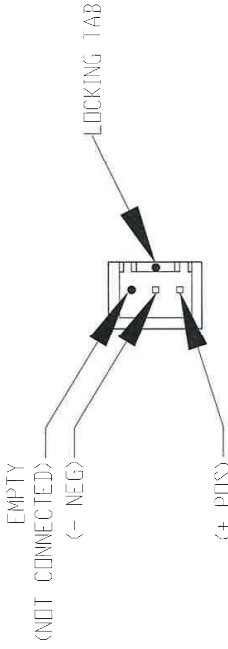
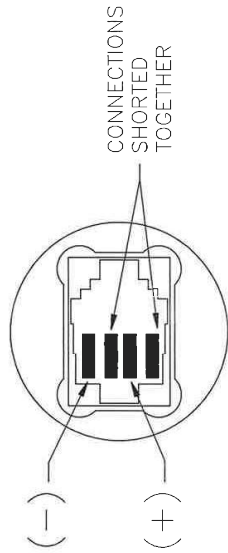
  

| SPECIFICATIONS:         |                |
|-------------------------|----------------|
| MAX-250TM AND MAX-250TA | OXYGEN SENSOR  |
| SIZE B                  | FSO# NO. 15815 |
| NUMBER R125P45          | REV E          |

| PROPERTY INFORMATION |        |
|----------------------|--------|
| SHEET 1 OF 2         | MAXTEC |

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| SIZE  | PCOM NO. | NUMBER  | REV    |
|-------|----------|---------|--------|
| B     | 1S815    | R125P45 | E      |
| SCALE | NONE     | SHEET   | 2 OF 2 |