

| REV | DCO'S AFFECTING THIS DRAWING | DATE    | APPROVED |
|-----|------------------------------|---------|----------|
| A   | INITIAL REL #785             | 4/29/97 | B.H.     |
| F   | DCO # 4462<br>UPDATED SPECS  | 4/01/13 | L.L.     |

| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3 | 4 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| <p>9. Stability:</p> <p>Less than 1% of full scale over an 8 hour period at constant temperature, pressure, and humidity.</p> <p>Interference:</p> <p>Less than 2% of full scale in presence of 75% Nitrous oxide</p> <p>Less than 2% of full scale in presence of 5% Halothane</p> <p>Less than 2% of full scale in presence of 5% Isoflurane</p> <p>Less than 2% of full scale in presence of 5% Enflurane</p> <p>Less than 2% of full scale in presence of 6% Sevoflurane</p> <p>Less than 2% of full scale in presence of 15% Desflurane</p> <p>Less than 2% of full scale in presence of 10% Carbon Dioxide</p> <p>Less than 2% of full scale in presence of 70% Helium</p> <p>Temperature Compensation:</p> <p>Less than <math>\pm 3.0\%</math> from <math>15^\circ</math> to <math>40^\circ\text{C}</math></p> <p>Expected Life</p> <p>&gt; 1,500,000% oxygen hours under normal operating conditions</p> <p>Humidity</p> <p>5% to 95% Relative Humidity non-condensing</p> | <p>10.0 to 15.5 mV in air at 1013 millibar pressure and a temperature range of <math>23\pm 2^\circ\text{C}</math></p> <p>Operating Temperature:</p> <p><math>5^\circ</math> to <math>40^\circ\text{C}</math></p> <p>Maximum Storage Temperature:</p> <p><math>-15^\circ</math> to <math>50^\circ\text{C}</math></p> <p>Optimal Storage Temperature:</p> <p><math>5^\circ</math> to <math>25^\circ\text{C}</math></p> <p>Range of Measurement (Full Scale):</p> <p>0 to 100% oxygen</p> <p>Zero Offset:</p> <p>Less than or equal to 0.50 mV when exposed to 99.9% to 100% nitrogen</p> <p>90% Response Time:</p> <p>Less than or equal to 15 seconds at <math>23\pm 2^\circ\text{C}</math></p> <p>Linearity:</p> <p>Within <math>\pm 1.0\%</math> of full scale</p> |   |   |

| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND PER ANSI Y14.5-1982 |                  | ANGLES            |              | SPECIFICATIONS          |                       |
|-----------------------------------------------------------------------------|------------------|-------------------|--------------|-------------------------|-----------------------|
| XX = $\pm 0.01$                                                             | XXX = $\pm 0.05$ | XXXX = $\pm 0.02$ | PREP. CUTLER | 4/28/97                 | MAX-250 OXYGEN SENSOR |
| QA                                                                          | G. ROTH          | 03/27/13          | CHKR         | 4/29/97 <td>SIZE B</td> | SIZE B                |
| MFG                                                                         | C. MEADS         | 03/12/13          | B. HAMATAKE  | 02/12/13                | TSCH NO. 1S815        |
| ENG. T. MARG-HALL                                                           |                  |                   |              | SCALE                   | 1 OF 2                |

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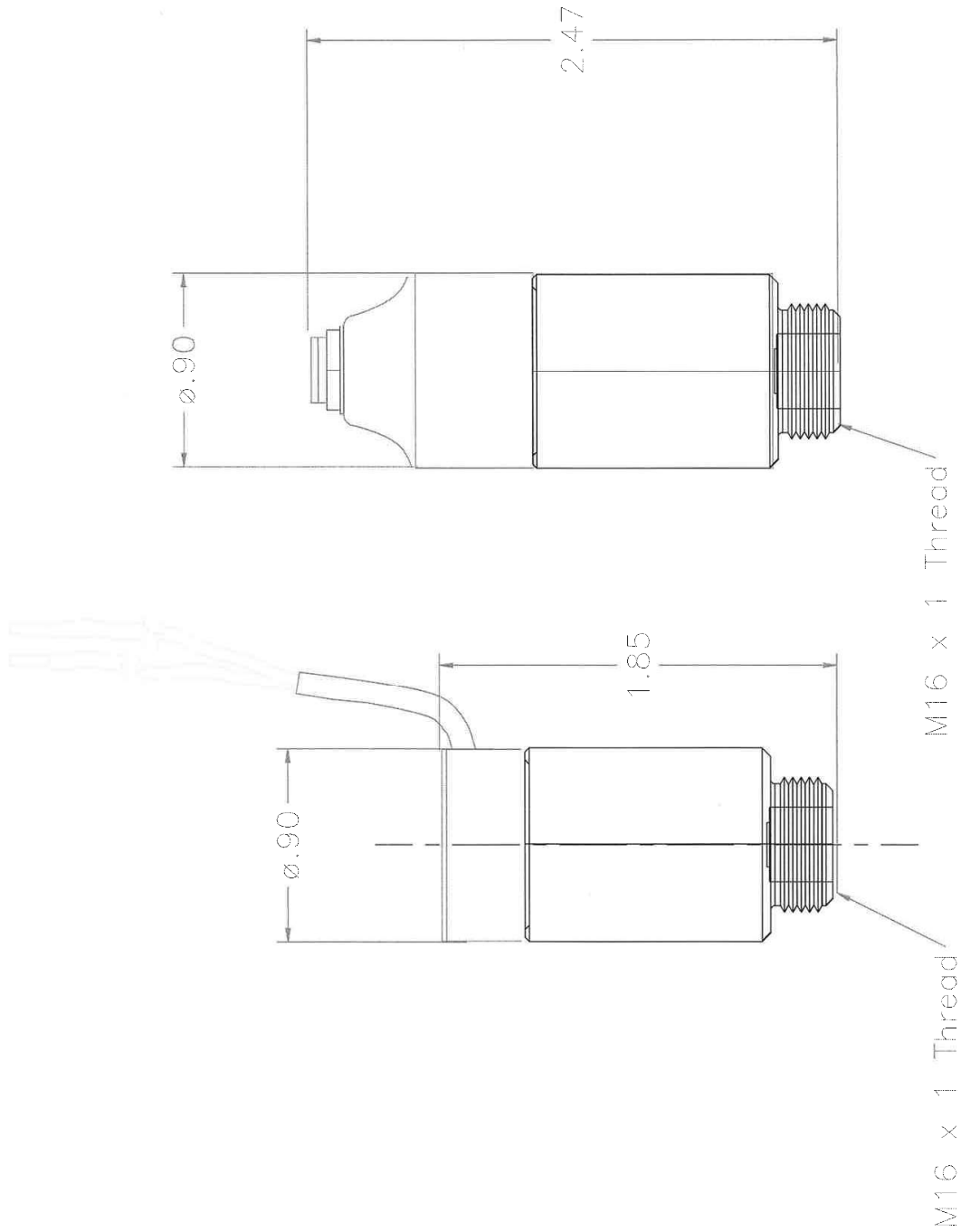
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SALT LAKE CITY, UTAH 84107

R125P20 F



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| SIZE  | FIG. NO. | NUMBER       | REV                |
|-------|----------|--------------|--------------------|
| B     | 15815    | R125P20      | F                  |
| SCALE | NONE     | SHEET 2 OF 2 | FIGURE INFORMATION |