

| REV | DCO'S AFFECTING THIS DRAWING | DATE | APPROVED |
|-----|------------------------------|---------|--------------------|
| A | INITIAL RELEASE #907 | 4/28/98 | G.P. |
| D | DCO # 3348 ADDED MAX-250L | 4/14/10 | <i>[Signature]</i> |

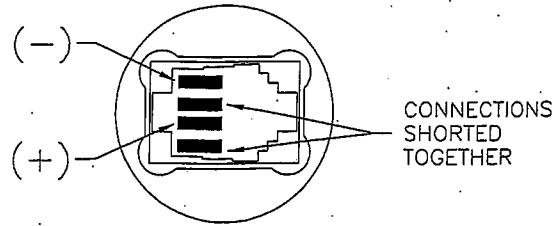
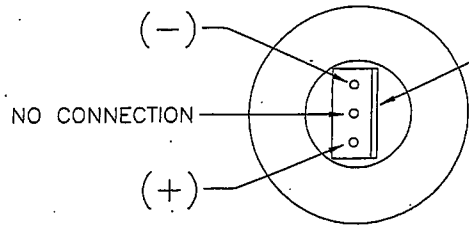
1. Output:
11mV ± 2.5 mV in air at 1013 millibar pressure and a temperature range of 23 ± 2 °C
2. Operating Temperature:
5° to 40 °C
3. Maximum Storage Temperature:
-15° to 50 °C
4. Optimal Storage Temperature:
5° to 25 °C
5. Range of Measurement (Full Scale):
0 to 100% oxygen
6. Zero Offset:
Less than or equal to 0.50 mV when exposed to 99.9% to 100% nitrogen
7. 90% Response Time:
Less than or equal to 15 seconds at 23 ± 2 °C
8. Linearity:
Within $\pm 2.0\%$ 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 $\pm 3.0\%$ from 15° to 40°C
12. Expected Life:
> 900,000% oxygen hours under normal operating conditions
13. Humidity:
5% to 95% Relative Humidity non-condensing

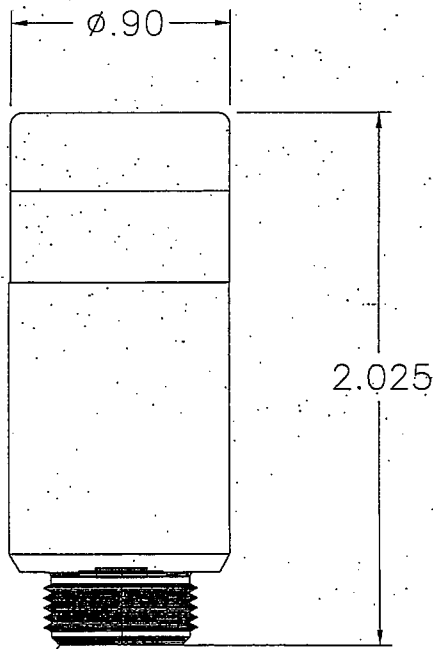
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APR 13 2010
EFFECTIVE DATE
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| | | | | | | | |
|---|---------------------------------|-------------------------------|---------------|--|---------------|----------------|--|
| UNLESS OTHERWISE SPECIFIED 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-250A, MAX-250M & MAX-250L OXYGEN SENSOR | | NUMBER R125P21 | |
| QA INSP 14 | T. LAVERY 4/6/10 | PREP C. ZASTROW 12/6/97 | SIZE B | FSCM NO. 1S815 | REVISION D | SHEET 1 OF 2 | |
| MFG E. MEADS 4/6/10 | CHKR G. POELAKKER 4/28/98 | ENG A. BOARDMAN 4/6/10 | SCALE NONE | PROPERTY INFORMATION MAXTEC, INC. | | | |

R125P21 D



3mm PHONE JACK



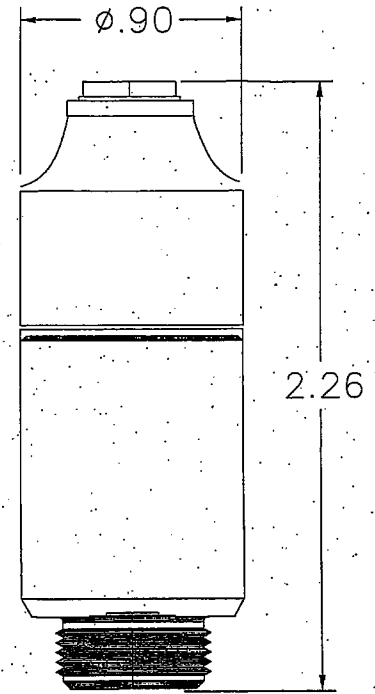
M16 x 1 Thread

MAX-250M



M16 x 1 Thread

MAX-250A



MAX-250L

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| | | | |
|---------------|-------------------|-------------------|---|
| SIZE B | FSCM NO. 1S815 | NUMBER R125P21 | REV D |
| SCALE NONE | SHEET 2 OF 2 | | PROPRIETARY INFORMATION UNLESS SHOWN OTHERWISE |

R125P21 D