

REV	DCO'S AFFECTING THIS DRAWING	DATE	APPROVED
A	INITIAL RELEASE	4/28/98	G.P.
G	DCO # 4462 UPDATED SPECS	4/1/13	L.L.

1. Output:  
11mV  $\pm$ 2.5mV in air at 1013 millibar pressure and a temperature range of 23 $\pm$ 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 for 5 min.
7. 90% Response Time:  
Less than or equal to 15 seconds at 23 $\pm$ 2 °C
8. Linearity:  
Within  $\pm$  1.0% 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  
> 1,500,000% oxygen hours under normal operating conditions
13. Humidity  
5% to 95% Relative Humidity non-condensing

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
AND PER ANSI Y14.5-1982

.XX =  $\pm$  .01  
.XXX =  $\pm$  .005  
XXXX =  $\pm$  .002

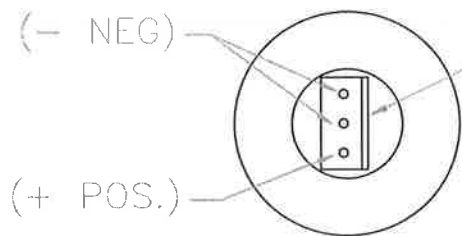
ANGLES  
 $\pm$ 1'30"

QA C. ROTH	3/27/13	PREP C. ZASTROW	12/6/97
MFG E. MEADS	3/12/13	CHKR G. POELAKKER	4/28/98
		ENG T. MARSHALL	02/12/13

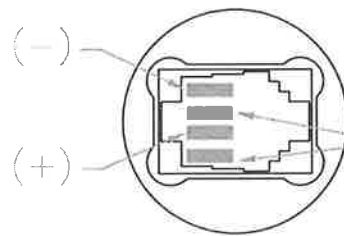
<b>maxtec®</b> SALT LAKE CITY, UTAH 84107			
<b>SPECIFICATIONS</b> <b>MAX-250A, MAX-250M &amp;</b> <b>MAX-250L OXYGEN SENSOR</b>			
SIZE B	FSCM NO. 1S815	NUMBER R125P21	REV C
SCALE NONE	SHEET 1 OF 2		

PROPRIETARY INFORMATION  
MAXTEC

R125P21 G

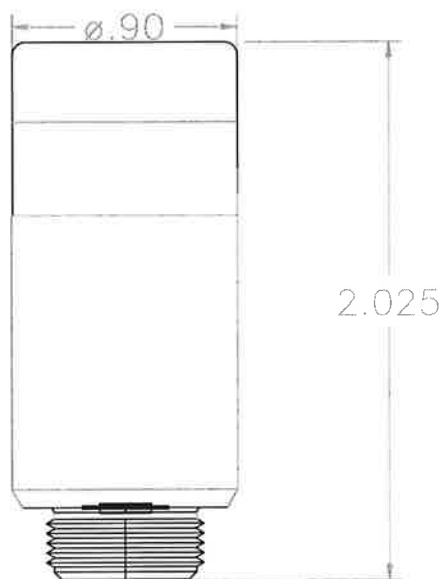


LOCKING LATCH



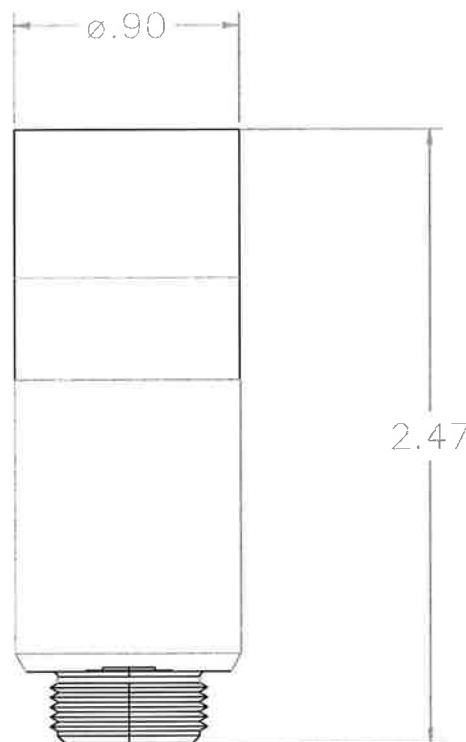
CONNECTIONS  
SHORTED  
TOGETHER

3mm PHONE JACK  
CENTER NEGATIVE (-)



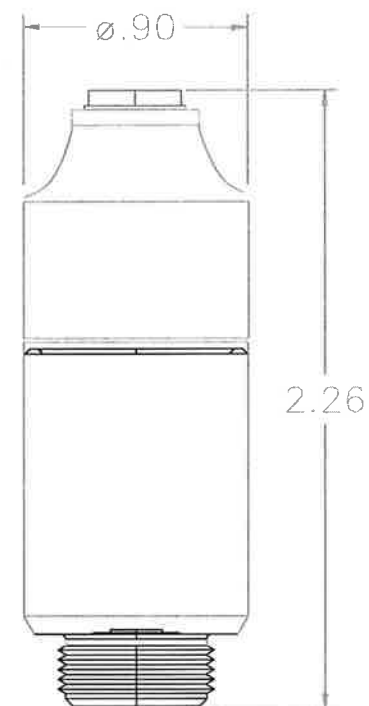
M16 x 1 Thread

MAX-250M



M16 x 1 Thread

MAX-250A



MAX-250L

SIZE	PSCM NO.	NUMBER	REV
B	1S815	R125P21	G
SCALE	NONE	SHEET 2 OF 2	

PROPRIETARY INFORMATION  
WANTED

R125P21 G